

# USB микроскопы (USB) Premier

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## Dino-Lite Premier Series

### AD3713TL



### Long Working Distance up to 60FPS

The AD3713TL Dino-Lite reaches up to 60fps under good lighting conditions with a resolution of 640 × 480, the camera keeps up with any action underneath the microscope. It is a great tool for soldering or other procedures calling for higher frame rates. Images are now more vivid and truer to natural colors. The included DinoCapture software allows for image, video and time lapse capture, measurement, and many other features.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5
Depth of Field								

\* Units shown in millimeter

## Dino-Lite Premier Series

### AD4113TL



### Long Working Distance with Special Nozzle

The AD4113TL is a longer working distance model with a 10x – 90x magnification range and interchangeable nozzle feature that includes both a standard open faced nozzle, as well as a sealed transparent cap nozzle designed to protect the lens and built in LED lights from dust, debris and moisture common to certain work environments. The removable nozzles also provide the user the option of increasing working distance when using the digital microscope without any nozzle installed. The AD4113TL is designed with greater working distance(s) in mind, also have enhanced lighting for improved illumination. The removable and interchangeable nozzle also allows the “AD” series of scopes to be receptive and compatible with current and future add-on feature upgrades, such as the 90 degree viewing option.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	



Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5

Depth of Field

★ Units shown in millimeter

## Dino-Lite Premier Series

### AF3111HT



### Wireless Ready Otoscope

The Dino-Lite Premier 0.3MP AF3111HT is a Wireless-Ready digital Otoscope with LED brightness control. The AF3111HT provides users the ability to view and record images of the ear canal/eardrums with ease. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope. Attach standard disposable specula onto the AF3111HT for clean and safe examination. Microscope housing made with medical grade material to withstand frequent cleaning.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	55	215	220
Working Distance	51.7	24.1	11	3.8	0.6	0.6	1.7
Field of View	21.0 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7.4 x 5.2	1.9 x 1.3	1.8 x 1.3
Depth of Field	8.02	-	-	1.95	-	-	-

\* Units shown in millimeter

## Dino-Lite Premier Series

AF3113T



### Wireless Ready with FLC & MicroTouch

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x or up to 230x depending on the model. Please contact us for more information.

The Dino-Lite Premier 0.3MP AF3113T is designed to meet most applications within 20x – 50x, 220x magnifications with LED brightness control. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	55	215	220
Working Distance	51.7	24.1	11	3.8	0.6	0.6	1.7
Field of View	21.0 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7.4 x 5.2	1.9 x 1.3	1.8 x 1.3
Depth of Field	8.02	-	-	1.95	-	-	-

★ Units shown in millimeter

# Dino-Lite Dino-Lite Medical Premier

AF4113-EUT



## Wireless Ready Otoscope

Dino-Lite 1.3MP AF4113-EUT Digital Otoscope, users are able to perform ear canal examinations, document and share images digitally.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan

Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5
Depth of Field								

★ Units shown in millimeter

# Dino-Lite Premier Series

## AM3111



### Simple Handheld Microscope

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x or up to 230x depending on the model. Please contact us for more information.

The Dino-Lite AM3111 handheld digital microscope camera has natural color technology providing colors true to their original appearance. It also has enhanced low light capabilities where you can see objects clearly when there is minimal light available. The AM3111 has a refresh rate up to 30fps at 640 × 480 resolutions and can magnify objects up to 230x depending on working distance.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	



Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	200	210	220	230
Working Distance	51.7	24.1	11	3.8	-0.6	-0.4	0.6	1.7	2.8
Field of View	21 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7 x 5.2	2.1 x 1.6	2 x 1.5	1.9 x 1.4	1.8 x 1.4
Depth of Field	8.02	-	-	1.95	-	1.46	-	-	-

★ Units shown in millimeter

## Dino-Lite Premier Series

AM4111T



1.3MP with MicroTouch

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances.  
Some models can even focus below 5x or up to 230x – 240x depending on the model. Please contact us for more information.

The AM4111T handheld digital microscope comes with a high quality 1.3 megapixel image sensor that views and takes highly detailed images for professionals who need all the quality software features but do not require measurement. This model is featured with the unique MicroTouch snapshot feature. The MicroTouch (touch sensitive static sensor) feature on the handheld digital microscope gives users the option of taking a picture right from the scope itself. The MicroTouch was designed to minimize image blur while taking a picture with the microscope. Great for those moments when you need to take a picture, but having a hard time reaching the computer.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	220	230	240
Working Distance	48.7	21.7	9	1.9	-2.3	-0.1	1	2.1
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	1.8 x 1.4	1.7 x 1.4	1.6 x 1.3
Depth of Field	-	-	-	-	-	-	-	-

★ Units shown in millimeter

## Dino-Lite Premier Series

AM4113T



with MicroTouch

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances.  
Some models can even focus below 5x or up to 230x – 240x depending on the model. Please contact us for more information.

The AM4113T Dino-Lite handheld digital microscope is designed with a high quality 1.3 megapixel image sensor that lets you view and capture objects with the greatest of details including the ability to perform measurements with calibration. This model also includes all the features in the DinoCapture 2.0 software for Windows. Users can perform measurements on images captured with the Dino-Lite, and also have the ability to calibrate measurements for greater accuracy. Mac OS users have access to DinoXcope software also included.

The AM4113T is the updated model number for AM413TA & AM413T, the Dino-Lite handheld digital microscope can view objects at various magnifications depending of distance with a max magnification of up to 220x.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	220	230	240
Working Distance	48.7	21.7	9	1.9	-2.3	-0.1	1	2.1
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	1.8 x 1.4	1.7 x 1.4	1.6 x 1.3
Depth of Field	-	-	-	-	-	-	-	-

\* Units shown in millimeter

## Dino-Lite Premier Series

### AM4113TL-M40



### Wide FOV with Long Distance

The AM4113TL-M40 Dino-Lite Pro handheld digital microscope features 5x – 40x magnification range with a wider field of view and long working distance. These optics allow you to view objects at a safe distance with the additional ability to view at lower magnifications. Very useful for applications where the user would need to work under the scope, yet not require as much magnification.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan

Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40
Working Distance	155	73	50	40
Field of View	38.8 x 31	19.5 x 15.6	13 x 10.4	9.8 x 7.8
Depth of Field				

\* Units shown in millimeter

## Dino-Lite Premier Series

### AM4113ZT



with Polarizer

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances.  
Some models can even focus below 5x or up to 230x – 240x depending on the model. Please contact us for more information.

The Dino-Lite AM4113ZT is a 1.3 megapixel handheld digital microscope with adjustable polarization. Simply by rotating the polarizer filter, the handheld digital microscope AM4113ZT reduces or eliminates glare on reflective surfaces and also can provide the ability to see through the surface of fully or partially transparent materials, such as jewelry, skin, glass, and plastic, or see clearly the high reflectivity materials, such as metal or soldering. The handheld digital microscope AM4113ZT could be very useful in many applications including PCB, printing, machining, textile, jewelry, or skin care and more.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	



Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	220	230	240
Working Distance	48.7	21.7	9	1.9	-2.3	-0.1	1	2.1
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	1.8 x 1.4	1.7 x 1.4	1.6 x 1.3
Depth of Field	-	-	-	-	-	-	-	-

★ Units shown in millimeter

## Dino-Lite Premier Series

### AM4113ZTL



### Long Working Distance with Polarizer

The Dino-Lite AM4113ZTL handheld digital microscope features longer working distance with an adjustable polarizer, and a 1.3MP sensor for a resolution of 1280 x 1024. This model has variable magnification depending of distance with longer working distances compared to standard models and a magnification range of 10x – 90x. Dino-Lite models with longer working distances are great for applications that require a certain space between object and microscope to either work under or require a certain distance to view. With the adjustable polarizer, you can adjust the amount of glare that reflects from what you are viewing, so you can see fine details of surfaces by fully or partially removing the reflection of semi-transparent materials like; jewelry, glass, or plastic. It is also ideal for examining highly reflective materials, such as metals or solder joints.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5
Depth of Field								

★ Units shown in millimeter

# Dino-Lite Dino-Lite Medical Premier

HF3111HT



## Wireless Ready Otoscope

The Dino-Lite Medical HF3111HT is a Wireless-Ready digital Otoscope with LED brightness control and 0.3MP resolution. The HF3111HT provides users the ability to view and record images of the ear canal/eardrums with ease. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope. Attach standard disposable specula onto the HF3111HT for clean and safe examination. Microscope housing made with medical grade material to withstand frequent cleaning.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	55	215	220
Working Distance	51.7	24.1	11	3.8	0.6	0.6	1.7
Field of View	21.0 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7.4 x 5.2	1.9 x 1.3	1.8 x 1.3
Depth of Field	8.02	-	-	1.95	-	-	-

\* Units shown in millimeter

# Dino-Lite Dino-Lite Medical Premier

HF4113-EUT



Wireless Ready Otoscope, 1.3MP

Dino-Lite 1.3MP HF4113-EUT digital otoscope, allows users to perform ear canal examinations, document and share images digitally.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan

Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5
Depth of Field								

★ Units shown in millimeter

## Dino-Lite Premier Series

WF3113T



### Wireless Bundle with FLC & MicroTouch

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x or up to 230x depending on the model. Please contact us for more information.

The Dino-Lite Premier 0.3MP Bundle WF3113T includes the AF3113T all-in-one device designed to meet most professional applications within 20x- 50x, 200x magnifications as well as the WF-20 Wireless Adapter. The new modular design allows for USB connection or a quick swap to wireless with the included WF-20 adapter making it a completely cordless and portable microscope.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years



Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	55	215	220
Working Distance	51.7	24.1	11	3.8	0.6	0.6	1.7
Field of View	21.0 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7.4 x 5.2	1.9 x 1.3	1.8 x 1.3
Depth of Field	8.02	-	-	1.95	-	-	-

★ Units shown in millimeter

## Dino-Lite Premier Series

WF3113T-W



### Wireless Bundle

The official magnification range of this microscope is 20x to 50x, 200x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x or up to 230x depending on the model. Please contact us for more information.

The Dino-Lite Premier 0.3MP Bundle WF3113T(W) includes the AF3113T(W) all-in-one device designed to meet most professional applications within 20x – 50x, 200x magnifications as well as the WF-20(W) Wireless Adapter. The new modular design allows for USB connection or a quick swap to wireless with the included WF-20(W) adapter making it a completely cordless and portable microscope.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	200	210	220	230
Working Distance	51.7	24.1	11	3.8	-0.6	-0.4	0.6	1.7	2.8
Field of View	21 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7 x 5.2	2.1 x 1.6	2 x 1.5	1.9 x 1.4	1.8 x 1.4
Depth of Field	8.02	-	-	1.95	-	1.46	-	-	-

★ Units shown in millimeter

# Dino-Lite Premier Series

WF4113-EUT



## Wireless Bundle Otoscope

Dino-Lite 1.3MP WF4113-EUT Wireless digital otoscope, allows users to perform ear canal examinations, document and share images digitally. This model package includes the Wi-Fi streamer WF-20 to wirelessly connect to Wi-Fi devices including iOS and Android devices and PC.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

### Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90
Working Distance	151	101	77.2	64.1	56.2	51.3	48.3	46.6
Field of View	19.6 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5
Depth of Field								

\* Units shown in millimeter

# AM7013MT

The Dino-Lite Premier AM7013MT digital handheld microscope has a 5 Megapixels sensor allowing you to see and record every detail providing you an experience you never had with a digital handheld microscope. It can magnify up to 200x magnification depending of working distance with a resolution of up to 2592x1944. With such magnification and resolution, you will not miss important details under any magnification.

The AM7013MT is appropriately incased with an aluminum alloy casing providing robust protection only fit to hold 5 Megapixels of viewing power. It also includes our convenient Microtouch II sensor for on microscope picture taking and built in bright white LEDs to instantly illuminate objects.

The Dino-Lite digital handheld microscope experience is not complete without the included DinoCapture 2.0 software that allows you to take pictures, record video, and also annotate on images. This model also includes the measurement and calibration capabilities only available for professional models such as this. The AM7013MT with 5 Megapixels sensor allows you to see fine detail in any magnification for an experience you never had with a digital handheld microscope of this kind.



## 5.0 Megapixels

Capture incredibly detailed images with up to 2592 x 1944 resolution.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



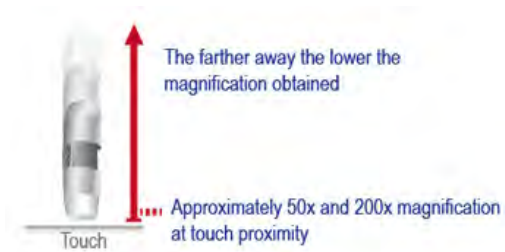
## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.8	14.9
30	21.7	13.2	9.9
40	9.0	9.9	7.4
50	1.9	7.9	5.9
60	-2.3	6.6	5.0
220	-0.1	1.8	1.4
230	1.0	1.7	1.3
240	2.1	1.7	1.2

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM7013MT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)



# AM7013MZT

The Dino-Lite Premier AM7013MZT digital handheld microscope has a 5 Megapixels sensor with adjustable polarizer abilities. Allowing you to observe things in high resolution and see things you couldn't with direct lighting. With up to 200x magnifications depending on working distance, polarization, and 2592x1944 of resolution; you will not miss detail under any magnification.

The AM7013MZT is appropriately incased with an aluminum alloy providing robust protection only fit to hold 5 Megapixels of viewing power. It also includes our convenient Microtouch II sensor for on microscope picture taking and built in bright white LEDs to instantly illuminate objects.

The Dino-Lite digital handheld microscope experience is not complete without the included DinoCapture 2.0 software that allows you to take pictures, record video, and also annotate on images. This model also includes the measurement and calibration capabilities only available for professional models such this. The AM7013MZT with 5 Megapixels sensor and adjustable polarizer allows you to observe in overwhelming detail under any magnification and see more with its adjustable polarizer.



## 5.0 Megapixels

Capture incredibly detailed images with up to 2592 x 1944 resolution.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



## MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



**Robust housing**

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

**Adjustable Polarizer**



Rotate the ring to adjust the amount of polarization you require.

**Information about working distance and field of view**

M	WD	FOV (x)	FOV (y)
20	48.7	19.8	14.9
30	21.7	13.2	9.9
40	9.0	9.9	7.4
50	1.9	7.9	5.9
60	-2.3	6.6	5.0
220	-0.1	1.8	1.4
230	1.0	1.7	1.3
240	2.1	1.7	1.2

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm

Model	AM7013MZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM7013MZT4

The Dino-Lite Premier AM7013MZT4 digital handheld microscope allows you to see at 430x~470x magnifications with the benefits of adjustable polarization. It has a five Megapixels sensor that allows you to view great detail and capture large images at 2592 x 1944. This model is ideal for situations that require over 400x magnification with polarization yet need the large details of a five Megapixels sensor.

The polarization ability allows you to see fine details of surfaces such as semi-transparent materials like; jewelry, skin, glass, or plastic. It is also ideal for examining highly reflective materials, such as metals or solder joints. The polarizer on the AM7013MZT4 can be freely adjusted allowing for different amount of polarization for effective examination. The Dino-Lite Premier AM7013MZT4 is an USB 2.0 device allowing you to digitally examine objects on your computer. It comes with DinoCapture 2.0 software that allows you to take pictures, record video, and annotate on images. Certain models such as this also feature measurement and calibration tools. The AM7013MZT4 is a great tool for high magnification imaging that requires polarization.



## **Over 400X magnification**

See more details with 430x-470x.



## **5.0 Megapixels**

Capture incredibly detailed images with up to 2592 x 1944 resolution.



## **USB 2.0 Interface**

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## **Professional measurement tools**

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## **Adjustable polarization**

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



## **MicroTouch**

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



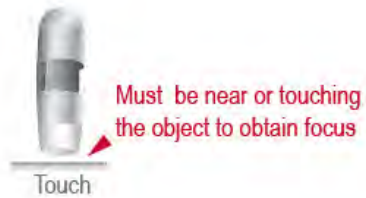
## **Robust housing**

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
430	-0.45	0.92	0.69
440	0.4	0.9	0.67
450	1.35	0.88	0.66
460	2.3	0.86	0.65
470	3.15	0.84	0.63

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM7013MZT4 Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	430x~470x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM7013M-FIT

Featuring 5MP sensor with infrared lighting.



## 5.0 Megapixels

Capture incredibly detailed images with up to 2592 x 1944 resolution.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 850nm IR illumination

850nm Near Infrared lights to illuminate specimens.



## MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



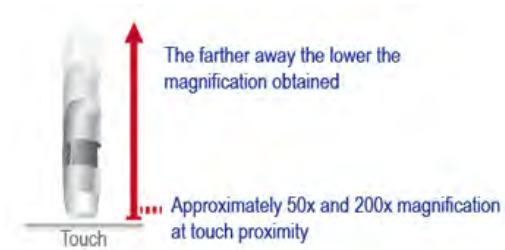
## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.8	14.9
30	21.7	13.2	9.9
40	9.0	9.9	7.4
50	1.9	7.9	5.9
60	-2.3	6.6	5.0
220	-0.1	1.8	1.4
230	1.0	1.7	1.3
240	2.1	1.7	1.2

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm





Model	AM7013M-FIT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	IR Light (850 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AF4113-EUT

With Dino-Lite 1.3MP AF4113-EUT digital otoscope, users are able to perform ear canal examinations, document and share images digitally. This model can connect to a mobile device wirelessly when attached to the Wi-Fi streamer WF-20.



## 1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



## Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



## Adjustable LED intensity

The LED intensity could be adjusted within 6 levels for providing further illumination flexibility.



## Scroll Lock

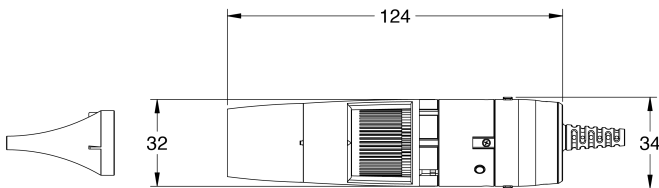
The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AF4113-EUT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~90x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Yes
Illumination	White Light, 6 LEDs
Unit Dimension	<p>124 mm (H) x 34 mm (D)</p> 
Unit Weight	111 g

# AD4113TL-MA1

The Dino-Lite Premier AD4113TL-MA1 is a long working distance model providing more distance to work with at higher magnifications, and capable of changing the front cover to better adapt to different applications.

It comes with a standard transparent front cap for normal use, a closed cap to protect the lens to protect the LED lights from dust, debris, and moisture, and an additional angle mirrored cap to look into tight spaces such as BGA inspection. It uses enhanced 1.3 megapixel sensor that offers improved low light visibility to see more detail when lighting is not perfect.

Included with the AD4113TL-MA1 is a copy of the DinoCapture 2.0 for PC's or DinoXcope software for MAC to capture either a photograph, video, or time-lapsed video within a few simple clicks. It also has measurement and measurement calibration capabilities for precision work.



### Enhanced 1.3 megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



### USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



### Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



### Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



### Scroll Lock

Assure the knobs position with the scroll lock.



### Interchangeable front caps

The AD series have a variety of interchangeable front caps that can allow you to adapt the Dino-Lite to special applications.

### Included with this model are these detachable front covers

FC-L-CC2	FC-OC1	FC-L-MA1
		
Closed transparent front cap	Standard open front cap	Mirror angle front cap

Model	AD4113TL-MA1 Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	16cm(L) x 16cm(W) x 6cm(H)

# AM4013MT

Rugged housing with enhanced 1.3 Megapixels sensor for accurate color reproduction and low light sensitivity.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



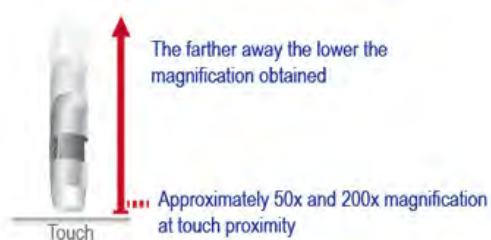
## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4013MT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4013MTL

Featuring enhanced 1.3 Megapixels sensor with working distance optics, with tough metal housing.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



## MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm





Model	AM4013MTL Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4013MZT

Featuring enhanced 1.3 Megapixels sensor with optics specialized in low magnification.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



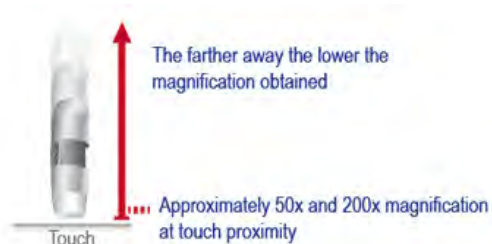
## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4013MZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4013MZTL

The Dino-Lite Premier AM4013MZTL digital handheld microscope features with longer working distance, an adjustable polarizer, enhanced 1.3MP sensor, and metallic housing providing a microscope that has high magnification at a nice working distance with the ability to reduce glare, have advanced image quality, and the ruggedness to withstand the test of time.

The AM4013MZTL has high magnification at longer working distances which requires some distance to obtain a focal point. With that in mind, it has variable magnification depending of distance with a max magnification of 90x with a minimum working distance of approximately 5cm away. An example to compare it to is with an AM413MT with 200x optics, it requires you to nearly touch the object to obtain 50x or 200x. With the AM4013MZTL longer working distance optics, its maximum magnification of 90x has to be obtained at approximately 5cm away. Having a Dino-Lite with longer working distance is great for applications that require a certain space between object and microscope to either work under or require a certain distance to view.

With the adjustable polarizer, you can adjust the amount of glare that reflects from what you are viewing, so you can see fine details of surfaces by fully or partially removing the reflection of semi-transparent materials like; jewelry, glass, or plastic. It is also ideal for examining highly reflective materials, such as metals or solder joints.

The AM4013MZTL enhanced 1.3 Megapixels sensor provides improved low light visibility, so you can view and see more detail when lighting is not perfect. The enhanced 1.3 Megapixels sensor also provides very detailed images at its max resolution of 1280x1024 so you do not mess a thing.

The metallic housing of this model suits it for professional use, and has a robust feel that cannot be found from similar handheld microscopes of its kind. It provides extra protection of the microscope from the elements and retains its looks after heavy usage of the microscope.

The AM4013MZTL comes with the DinoCapture 2.0 software for PC's and DinoXcope software for MAC's. It allows you to take pictures, record videos, and also annotate on images. With professional models such as this, there is also measurement and measurement calibration tools to instantly gather or share important information of what you're looking at.

The Dino-Lite Premier AM4013MZTL digital handheld microscope is the perfect companion for people who require high magnification at a distance and the ability to reduce glare from highly reflective objects. And yet it can still handle some abuse with its metallic housing. Plug the USB to your computer and use the included software. The AM4013MZTL digital handheld microscope provides the ultimate digital microscope experience.





### Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



### USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



### Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



### Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



### Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



### MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



### Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4013MZTL Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x ~ 90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4013MZT4

Featuring enhanced 1.3 Megapixels sensor, 400x magnification with rotatable polarization.



## Over 400X magnification

See more details with 430x-470x.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
430	-0.45	0.91	0.73
440	0.4	0.89	0.71
450	1.35	0.87	0.7
460	2.3	0.85	0.68
470	3.15	0.83	0.67

M = magnification rate

WD = working distance

FOV = field of view

DOF= depth of field

Unit = mm



Model	AM4013MZT4 Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	430x~470x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)



# AM4113T

The Dino-Lite Premier AM4113T is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification. It specializes in obtaining clear and accurate images up to 200x magnifications, capable of seeing grains of sand. Provides superior image quality with a 1.3 Megapixels sensor with natural color reproductions, and also has low light sensitivity. These features obtain superior image quality with recorded images for professional applications and quality unmatched from the competition.

The Dino-lite Premier AM4113T handheld design makes microscopy an easy and mobile experience. Save time by bringing the Dino-Lite with a laptop to examine objects of interest. Simple to use, just adjust a dial on the Dino-Lite to focus then with one of many ways take a picture, or record a video. Even annotate, measure, and distribute recorded data right away with easy to operate complimentary software compatible for a PC or MAC. The Dino-Lite is ideal to use in industrial applications, education, office, or laboratory and a convenient device to have around.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



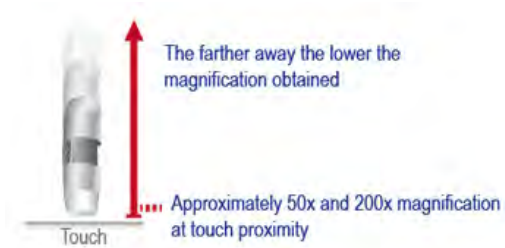
## Scroll Lock

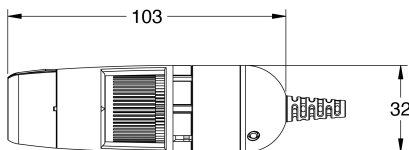
Assure the knobs position with the scroll lock.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113T Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a USB port on the side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113TL

Featuring 1.3 Megapixels resolution, interchangeable front cap, and working distance optics.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



## Scroll Lock

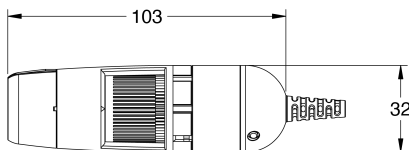
Assure the knobs position with the scroll lock.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113TL Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a USB port on the side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113TL-M40

Featuring enhanced 1.3 Megapixels sensor with optics specialized in low magnification.



### Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



### Specializes in Low Magnification

Approximately 40x max magnification over 5cm providing comfortable space between objects. The optics are specially designed to work at low magnifications at usable working distances.



### Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



### Long working distance

Approximately 40x max magnification over 5cm providing comfortable space between objects.



### Scroll Lock

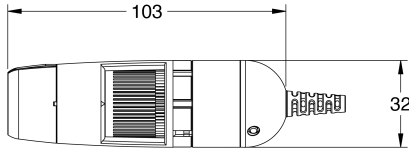
Assure the knobs position with the scroll lock.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
10	155	38.8	31
20	73	19.5	15.6
30	50	13	10.4
40	40	9.8	7.8

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113TL-M40 Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~40x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a USB port on the side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113T5

The Dino-Lite AM4113T5 is a specialized 500x magnification model with enhanced 1.3 Megapixels sensor. It can observe the core of hair (medulla) and hair cuticles showing essential details with clear and bright observation for hair examination. With its capabilities, it is found also to excel in applications such as textile, chip/ circuit board inspections, and other applications that require examination of intricate surfaces.

The AM4113T5 uses the H11 housing which is the second generation housing for the Dino-Lite that incorporates: improved magnification dial movement for smooth and easy adjustment and focusing with the Dino-Lite, a scroll lock feature for assuring desired set magnification/ focus, and a cable strain relief (SR) that holds the Dino-Lite and its USB Cable together for greater resistance from pulls and twists.



## Fixed 500x magnification

Examine specimens in great detail with 500x magnification.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Scroll Lock

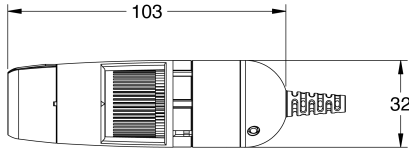
Assure the knobs position with the scroll lock.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
515	0.1	0.8	0.6

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113T5X Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	500x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a series of small rectangular features on the right side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113ZT

The Dino-Lite Premier AM4113ZT is a 1.3 Megapixels handheld digital microscope with adjustable polarization. It is especially useful in suppressing glare from reflective materials, such as metals, plastics, or glass. The convenient Dino-Lite design allows microscopy that can be brought to the field and examine large or small objects. This model is featured with variable optical magnification capable of up to 200x. With high sensitivity 1.3 Megapixels sensor to reveal more detail under polarization and high magnification.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Adjustable polarization


Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113ZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 33 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113ZTL

Featuring rotatable polarization, working distance optics, and enhanced 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



## Scroll Lock


Assure the knobs position with the scroll lock.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113ZTL Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 33 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113ZT4

Featuring 400x optics with rotatable polarization using enhanced 1.3 Megapixels sensor.



## Over 400X magnification

See more details with 430x-470x.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



## Scroll Lock

Assure the knobs position with the scroll lock.

## Information about working distance and field of view


M	WD	FOV (x)	FOV (y)
430	-0.45	0.91	0.73
440	0.4	0.89	0.71
450	1.35	0.87	0.7
460	2.3	0.85	0.68
470	3.15	0.83	0.67

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Must be near or touching  
the object to obtain focus

Touch

Model	AM4113ZT4 Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	430x~470x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 33 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113-FVT

Featuring 395nm UV lighting with high sensitivity 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 395nm UV illumination

395nm Near UV lighting to illuminate specimens.



## Scroll Lock

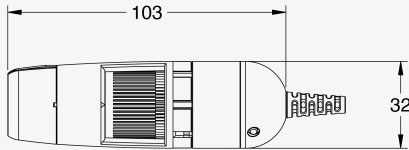
Assure the knobs position with the scroll lock.

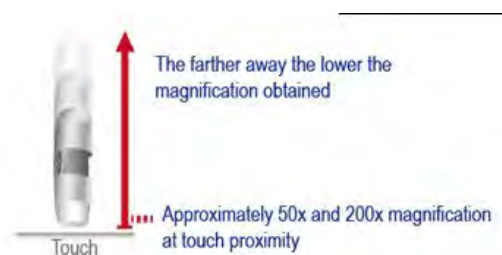
## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113-FVT Dino-Lite Premier
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	103 mm (H) x 32 mm (D) 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)



# AM4113-FV2T

Featuring 375nm UV and white light switchable by software using enhanced 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Convenient flexible magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 375nm UV illumination

375nm Near UV lighting to illuminate specimens.



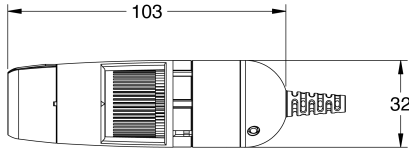
## Scroll Lock

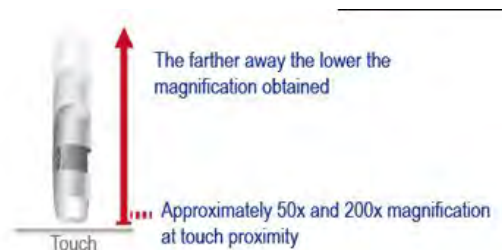
Assure the knobs position with the scroll lock.

## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm

Model	AM4113-FV2T Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXscope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXscope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (375 nm), 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	103 mm (H) x 32 mm (D) 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)



# AM4113T-FVW

Featuring 395nm UV and white lights switchable by software with enhanced 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 395nm UV illumination

395nm Near UV lighting to illuminate specimens.



## Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



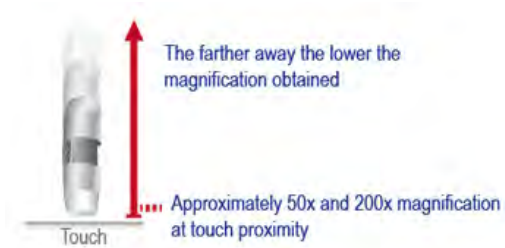
## Scroll Lock

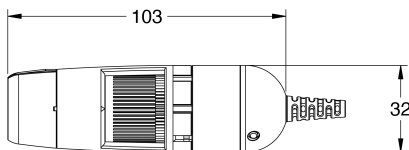
Assure the knobs position with the scroll lock.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113T-FVW Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 10, 8, 7, Vista, XP MAC OS 10.4 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a USB port on the side.</p>
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

# AM4113T-FV2W

Featuring 375nm UV and white light switchable by software using enhanced 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Convenient flexible magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 375nm UV illumination

375nm Near UV lighting to illuminate specimens.



## Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



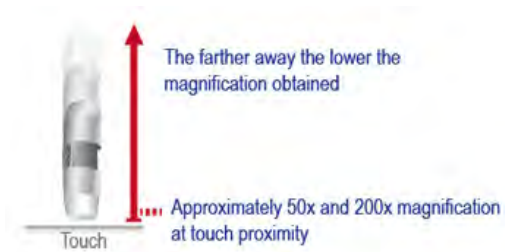
## Scroll Lock

Assure the knobs position with the scroll lock.

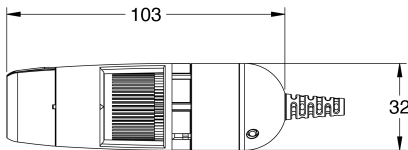
### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm





Model	AM4113T-FV2W Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (375 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 10, 8, 7, Vista, XP MAC OS 10.4 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

# AM4113TL-FVW

Featuring working distance optics, 395nm UV and white lights switchable by software, and enhanced 1.3 Megapixels sensor.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 395nm UV illumination

395nm Near UV lighting to illuminate specimens.



## Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



## Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



## Scroll Lock

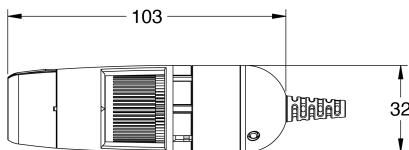
Assure the knobs position with the scroll lock.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113TL-FVW Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a length of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rounded front, a central lens area, and a USB port on the side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4013MT-FVW

Featuring enhanced 1.3 Megapixels sensor with software switchable 395nm UV and white lighting.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 395nm UV illumination

395nm Near UV lighting to illuminate specimens.



## Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



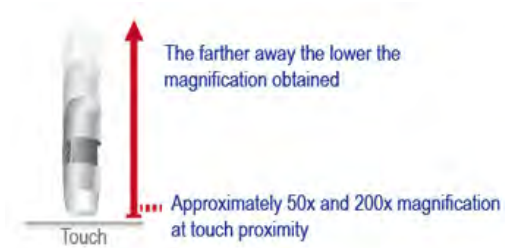
## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4013MT-FVW Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4013MTL-FVW

Featuring enhanced 1.3 Megapixels sensor with software switchable 395nm UV and white lighting.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 395nm UV illumination

395nm Near UV lighting to illuminate specimens.



## Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



## Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



## Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.



### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4013MTL-FVW Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	140g
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

# AM4113-FI2T

Featuring 940nm infrared lighting.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



## 940nm IR illumination

940nm Near Infrared lights to illuminate specimens.



## Scroll Lock

Assure the knobs position with the scroll lock.



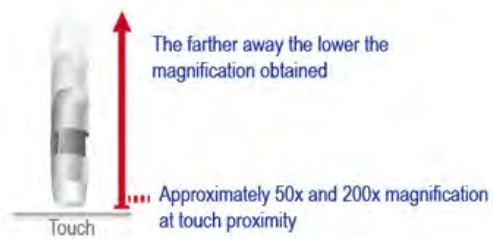
## MicroTouch

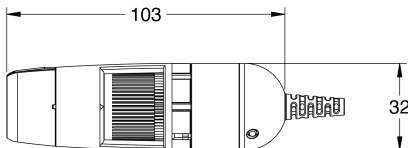
Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	51.7	25.1	20.1
30	24.1	16.8	13.4
40	11	12.6	10.1
50	3.8	10.1	8.0
60	-0.6	8.4	6.7
200	-0.4	2.5	2.0
210	0.6	2.4	1.9
220	1.7	2.3	1.8
230	2.8	2.2	1.7

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113FI2T Dino-Lite Pro
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	IR Light (940 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113-EUT

With the Dino-Lite AM4113-EUT digital otoscope, use it to capture and directly share evaluations of the auditory canal and tympanic membrane of patients. It also can be used for documentation, and training purposes.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

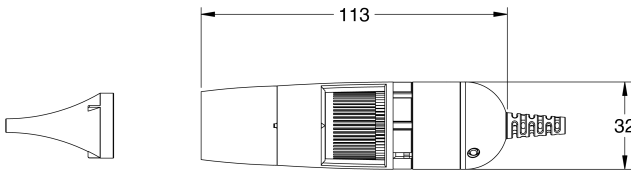
Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.

### Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm



Model	AM4113-EUT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	55x~90x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 6 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	90 g
Unit Dimension	<p>113 mm (H) x 32 mm (D)</p> 
Package Dimensions	160 mm (L) x 160 mm (W) x 60 mm (H)

# AM4113-RUT

Easily document or share an iris examination with the convenience of a digital microscope.



## Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## Scroll Lock

Assure the knobs position with the scroll lock.

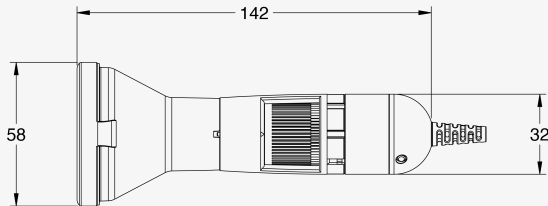
## Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

M = magnification rate    WD = working distance    FOV = field of view    DOF= depth of field    Unit = mm





Model	AM4113-RUT Dino-Lite Premier
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~20x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 2 LEDs Yellow Light, 2 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	105g
Unit Dimension	<p>142 mm (H) x 58 mm (D)</p>  <p>The technical drawing shows a side profile of the microscope unit. It is a long, cylindrical device with a flared front end. Dimension lines indicate a total height of 142 mm, a front diameter of 58 mm, and a rear diameter of 32 mm. The drawing is a black and white line art representation.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

# AM4113-N5UT

Observe and document nail blood circulation to check for healthy blood artery condition.



## **Fixed 500x magnification**

Examine specimens in great detail with 500x magnification.



## **Enhanced 1.3 Megapixels**

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



## **USB 2.0 Interface**

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



## **Scroll Lock**

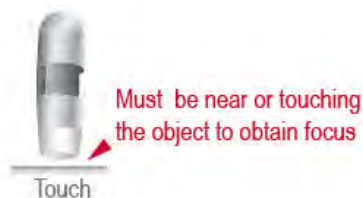
Assure the knobs position with the scroll lock.

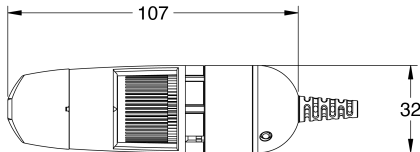


## **MicroTouch**

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.

## **Information about working distance and field of view**





Model	AM4113-N5UT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	500x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:  DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM  DinoXcope: PNG, JPEG</p> <p>Movie:  DinoCapture2.0: WMV, FLV, SWF  DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>107 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)


# AD4113T-I2V





The AD4113T-I2V features both IR (~940nm) and UV (~395nm) LED lighting in a single device.


**USB 2.0**


**ADJUSTABLE**  
~10-70x & 200x


**MAGNIFICATION LOCK**


**1.3 MEGAPIXEL**  
1280 x 1024

**INFRARED LEDs** ~940nm

**UV-LEDs** 400 nm

**SWITCHABLE UV/IR LEDs**

**STANDARD WORKING DISTANCE**

**EXCHANGEABLE CAP**

Multiple lighting options provide the ability to view magnified objects under normal external lighting sources such as white light or under near IR, or UV lighting by simply switching from one to the other. The IR can be use in document examination and new enhanced UV system provides improved fluorescence contrasting for use in forensics, biomedical or machine vision applications.

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~395 nm UV + ~940 nm Infrared
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	No

Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	10x - 50x, 220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	No

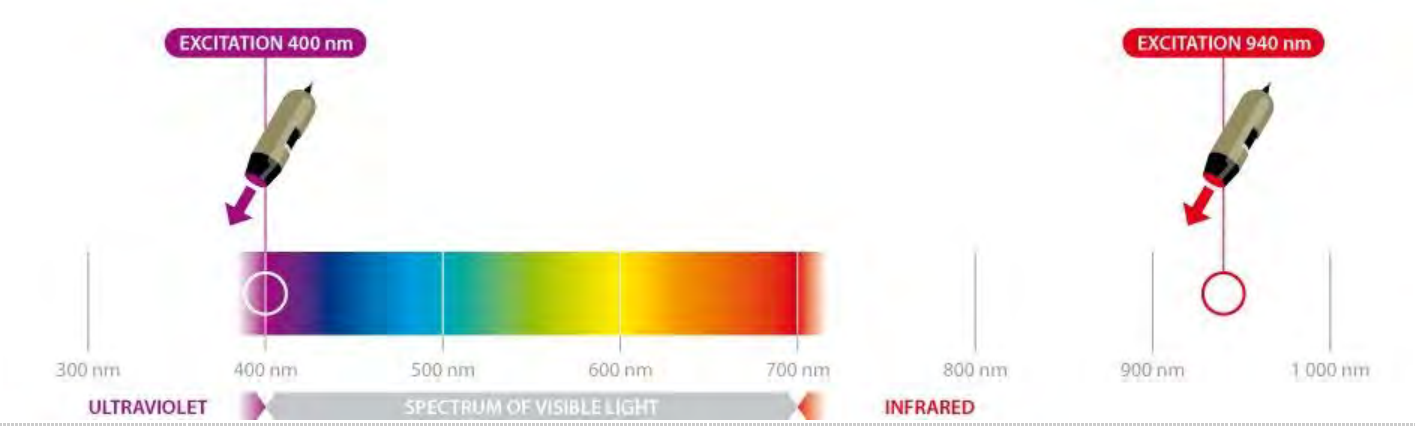
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Open and closed cap, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	51.7	25.1	20.1	4
30	24.1	16.8	13.4	2
40	11.0	12.6	10.1	1.6
50	3.8	10.1	8.0	1.17
60	-0.6	8.4	6.7	-
200	-0.4	2.5	2.0	0.28
210	0.6	2.4	1.9	-
220	1.7	2.3	1.8	-
230	2.8	2.2	1.7	-
Listed values may differ slightly				Unit = mm


Special Light:





# AD7013MTL





The Dino-Lite AD7013MTL has a 5 megapixel sensor for crystal clear images, even under higher magnification. Because of the very high resolution, the AD7013MTL is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**


**CONTINUOUS  
~20x-90x**

**5 MEGAPIXEL  
2592 x 1944**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**LONG WORKING  
DISTANCE  
4-15 cm**

**EXCHANGEABLE  
CAP**

The AD series are equipped with exchangeable caps for even more flexibility. The long working distance of up to 15 cm enables the possibility to work under the microscope.

## ADDITIONAL INFO

### DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	20-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes



Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Open and closed cap, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm

# AM3113T



The AM3113T has both the measurement functions and the Microtouch button to capture pictures directly from the Dino-Lite. The improved image sensor provides a high quality image with very natural colors and it also offers a high refresh rate for better real time images. It is an affordable solution for industrial, scientific and business use.

**USB 2.0**

**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10-70x & 200x**

**VGA RESOLUTION  
640 x 480**

**8 WHITE LEDs  
SWITCHABLE**

**STANDARD  
WORKING  
DISTANCE**

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Basic
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	VGA (640x480)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€0 - €200,00


Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	51.7	21.0	15.7	8
30	24.1	14.0	10.5	4
40	11.0	10.5	7.9	2.5
50	3.8	8.4	6.3	2
60	-0.6	7.0	5.2	-
200	-0.4	2.1	1.6	0.45
210	0.6	2.0	1.5	-
220	1.7	1.9	1.4	-
230	2.8	1.8	1.4	0.42
Listed values may differ slightly				Unit = mm


# AM3713TB





The Dino-Lite Premier AM3713TB with stroboscopic light feature takes perfect pictures by reducing motion blur, even under higher magnification. The strobomicroscope technology enables the user to capture fast moving objects in a very easy and convenient way.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10-70x & 200x**

**MAGNIFICATION  
LOCK**

**VGA RESOLUTION  
640 x 480**

**STROBOSCOPIC  
LEDs**

**STANDARD  
WORKING  
DISTANCE**

It can be used for monitoring production lines in a manufacturing environment, observing living creatures in a laboratory environment or any other application with fast-moving objects. The AM3713TB has a very high refresh rate of 60fps. The stroboscopic light mode can be switched on and off.

*The strobomicroscope technology is effective between 3cm to 15cm and under low ambient lighting. Works best with lighting less than 20 LUX and non effective over 80 LUX.*

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	Stroboscopic
Number of LEDs:	8

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	VGA (640x480)
Maximum frame rate:	60 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10
Included software:	DinoCapture 2.0 (Windows)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
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Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€200,00 - €350,00


Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	51.7	21.0	15.7	8
30	24.1	14.0	10.5	4
40	11.0	10.5	7.9	2.5
50	3.8	8.4	6.3	2
60	-0.6	7.0	5.2	-
200	-0.4	2.1	1.6	0.45
210	0.6	2.0	1.5	-
220	1.7	1.9	1.4	-
230	2.8	1.8	1.4	0.42
Listed values may differ slightly				Unit = mm


# AM4013MT





The Dino-Lite AM4013MT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10-70x & 200x**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**STANDARD  
WORKING  
DISTANCE**

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The aluminum housing offers enhanced protection and durability and has the best look and feel.

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes



<b>Infrared filter:</b>	IR cut-filter >650 nm
<b>Diffuser available:</b>	No
<b>Emission filter:</b>	No
<b>Polarizer:</b>	No

## OPTICS

<b>Magnification:</b>	10-70x, 200x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Standard
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>WiFi:</b>	no
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Metal housing
<b>Magnification lock:</b>	No
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	140g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


# AM4013MT-FVW




The VW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained. The aluminium housing offers enhanced protection and durability and has the best look and feel.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10-70x & 200x




1.3 MEGAPIXEL  
1280 x 1024




UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



METAL  
HOUSING



STANDARD  
WORKING  
DISTANCE

» Also available without return filter (model AM4013MT-VW)

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV + white
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

<b>Diffuser available:</b>	No
<b>Emission filter:</b>	Yes, UV cut filter
<b>Polarizer:</b>	No

## OPTICS

<b>Magnification:</b>	10-70x, 200x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Standard
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>WiFi:</b>	no
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Metal housing
<b>Magnification lock:</b>	No
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	140g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes
<b>Calibration:</b>	Yes

Microtouch sensor:	Yes
ESD safe:	Yes

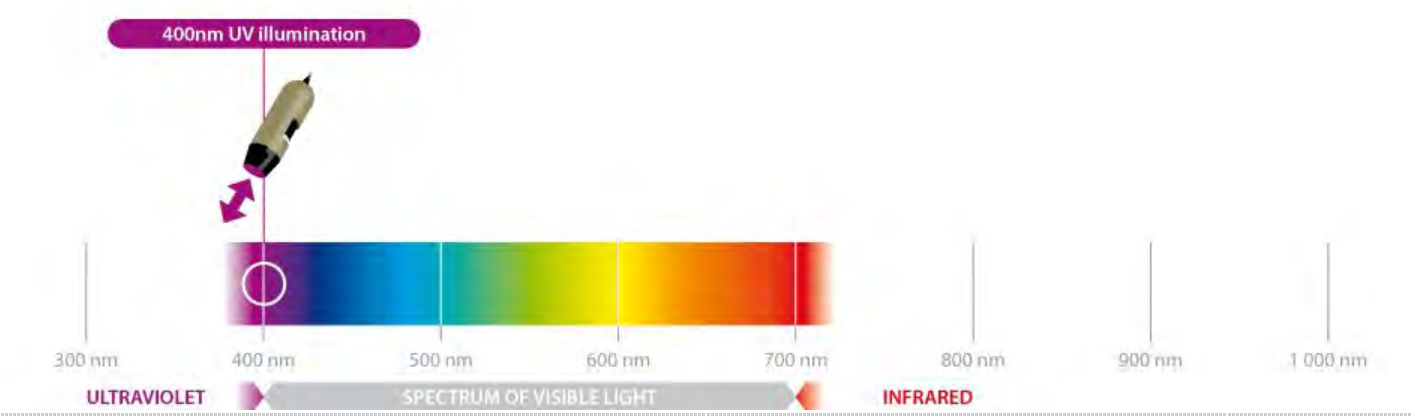
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


Special Light:





# AM4013MT5





The AM4013MT5 has a aluminium alloy body and features fixed 500x magnification for high power applications. This model also provides the possibility to calibrate the microscope for measurements. The aluminium housing offers enhanced protection and durability and has the best look and feel.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**FIXED  
~500x**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**STANDARD  
WORKING  
DISTANCE**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range:	Dino-Lite High Magnification
------------------	------------------------------

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	No
------------	----

## OPTICS

Magnification:	500x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXscope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €350,00 - €550,00

Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
515	0.1	0.8	0.6	0.07
Listed values may differ slightly				Unit = mm





# AM4013MTL





Dino-Lite professional model in aluminium alloy housing and long working distance and Microtouch. The aluminium housing offers enhanced protection and durability and has the best look and feel.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**CONTINUOUS  
~10x-90x**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**LONG WORKING  
DISTANCE  
4-15 cm**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range: Dino-Lite Long Working Distance

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	10-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €350,00 - €550,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


# AM4013MTL-FVW




The VW series has two types of LED lights that are switchable between white and UV light. This model has a long working distance and a filter to filter out the returning UV light so that an image with natural colors can be obtained. The aluminium housing offers enhanced protection and durability and has the best look and feel.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




CONTINUOUS  
~10x-90x




1.3 MEGAPIXEL  
1280 x 1024




UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



METAL  
HOUSING



LONG WORKING  
DISTANCE  
4-15 cm

» Also available without return filter (model AM4013MTL-VW)

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV + white
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

Diffuser available:	No
Emission filter:	Yes, UV cut filter
Polarizer:	No

## OPTICS

Magnification:	10-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	Yes

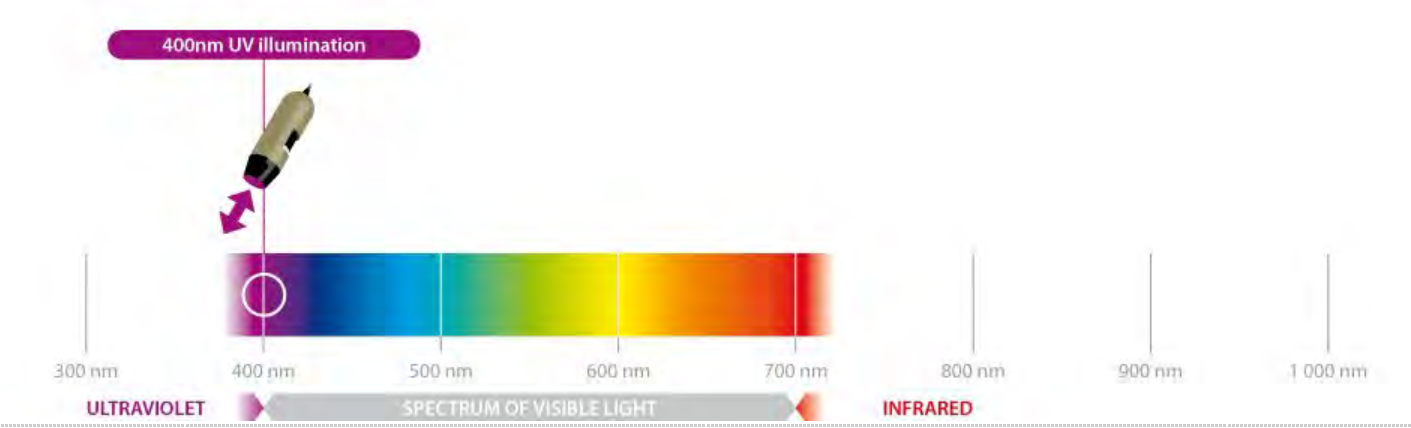
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


Special Light:




# AM4013MZT




The Dino-Lite AM4013TMZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10-70x & 200x




1.3 MEGAPIXEL  
1280 x 1024




8 WHITE LEDs  
SWITCHABLE



METAL  
HOUSING



POLARIZER  
ANTI-REFLECTION



STANDARD  
WORKING  
DISTANCE

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The aluminum housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	Yes, linear

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
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Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual
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Warranty information:	2 years European warranty
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Regulatory approval:	CE, FCC, ROHS
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Price range:	€350,00 - €550,00
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Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


# AM4013MZT4




The AM4013MZT4 with a high magnification of 400~470x reveals even the smallest details on all kinds of objects. The built-in, switchable polarizer makes the AM4013MZT4 the right choice for working with high glare materials such as jewelry, plastics and metals. The aluminum housing offers enhanced protection and durability and has the best look and feel.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~400x - 470x




1.3 MEGAPIXEL  
1280 x 1024




8 WHITE LEDs  
SWITCHABLE



METAL  
HOUSING



POLARIZER  
ANTI-REFLECTION



STANDARD  
WORKING  
DISTANCE

## ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite High Magnification

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	Yes, linear
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## OPTICS

Magnification:	400-470x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €350,00 - €550,00


**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
430	-0.45	0.92	0.69	0.1
440	0.4	0.9	0.67	0.1
450	1.35	0.88	0.66	0.1
460	2.3	0.86	0.65	0.1
470	3.15	0.84	0.63	0.1
Listed values may differ slightly				Unit = mm


# AM4013MZTL





By using a special polarization filter, the AM4013MZTL is the right choice when working with high glare materials such as plastics and metals. This model features an aluminum alloy housing for enhanced protection and durability and the best look and feel. This model also has a long working distance.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**


**CONTINUOUS  
~10x-90x**

**1.3 MEGA PIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**POLARIZER  
ANTI-REFLECTION**

**LONG WORKING  
DISTANCE  
4-15 cm**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
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### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	Yes, linear
------------	-------------

## OPTICS

Magnification:	10-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €350,00 - €550,00


**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


# AM4113FVT





The AM4113FVT has special lighting with LED's emitting UV light around the 400 nm spectrum.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10-70x & 200x**

**MAGNIFICATION  
LOCK**

**1.3 MEGAPIXEL  
1280 x 1024**

**UV-LEDs  
390~400 nm**

**STANDARD  
WORKING  
DISTANCE**

» Also available with ~375 nm LEDs (model AM4113FVT2).

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	Yes, Emission barrier filter 400 nm



Polarizer:	No
------------	----

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXscope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, User manual

**Warranty information:** 2 years European warranty

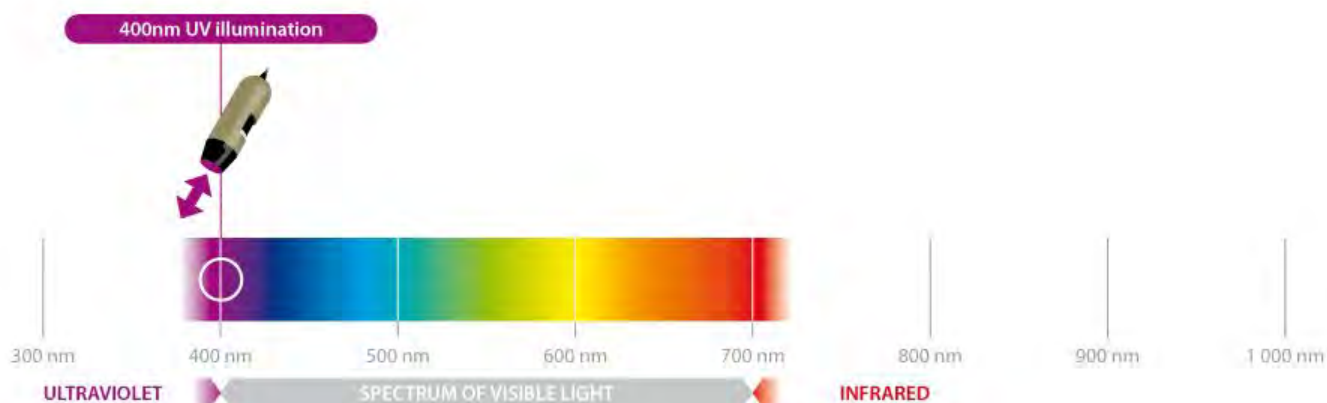
**Regulatory approval:** CE, FCC, ROHS

**Price range:** €200,00 - €350,00

**Working distance/ field of view/ depth of field:**

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


**Special Light:**




# AM4113FVT2




The AM4113FVT2 has special lighting with LED's emitting UV light around the 375 nm spectrum.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10 - 70x & 200x




MAGNIFICATION  
LOCK



1.3 MEGAPIXEL  
1280 x 1024



UV LEDs



STANDARD  
WORKING  
DISTANCE

» Also available with ~400 nm LEDs (model AM4113FVT).

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~375 nm UV
Number of LEDs:	4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	Yes, Emission barrier filter 375 nm

Polarizer:	No
------------	----

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXscope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, User manual

**Warranty information:** 2 years European warranty

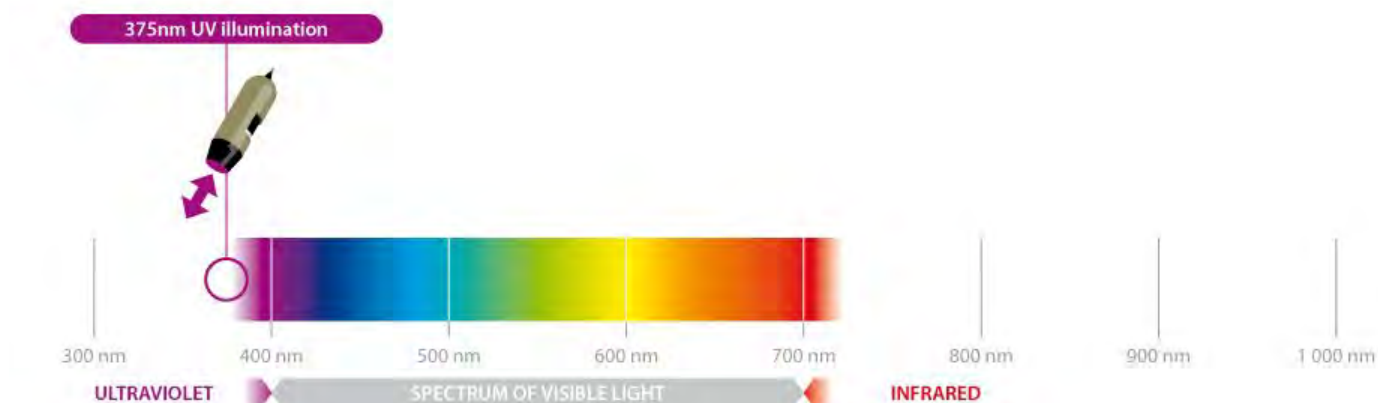
**Regulatory approval:** CE, FCC, ROHS

**Price range:** €200,00 - €350,00

**Working distance/ field of view/ depth of field:**

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


**Special Light:**




# AM4113T




The Dino-Lite AM4113T is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10-70x & 200x




MAGNIFICATION  
LOCK



1.3 MEGAPIXEL  
1280 x 1024



8 WHITE LEDs  
SWITCHABLE



STANDARD  
WORKING  
DISTANCE

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The AM4113T is the most popular choice for quality inspection in industrial environments, education, office, or in the laboratory.

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes

<b>Infrared filter:</b>	IR cut-filter >650 nm
<b>Diffuser available:</b>	No
<b>Emission filter:</b>	No
<b>Polarizer:</b>	No

## OPTICS

<b>Magnification:</b>	10-70x, 200x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Standard
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>WiFi:</b>	no
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Composite/ plastic housing
<b>Magnification lock:</b>	Yes
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	105g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€200,00 - €350,00

Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm




# AM4113T-FV2W




The VW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10-70x & 200x




MAGNIFICATION  
LOCK




1.3 MEGAPIXEL  
1280 x 1024



UV LEDs



SWITCHABLE  
UV/WHITE LEDs



STANDARD  
WORKING  
DISTANCE

» Also available without return filter (model AM4113T-VW) and in a version with 390-400nm LEDs (model AM4113T-FVW).

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~375 nm UV + white
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No

Emission filter:	Yes, Emission barrier filter 375 nm
Polarizer:	No

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes

ESD safe:

No

INFORMATION

Package contents:

Microscope, Carry pouch, Software CD, Calibration target, User manual

Warranty information:

2 years European warranty

Regulatory approval:

CE, FCC, ROHS

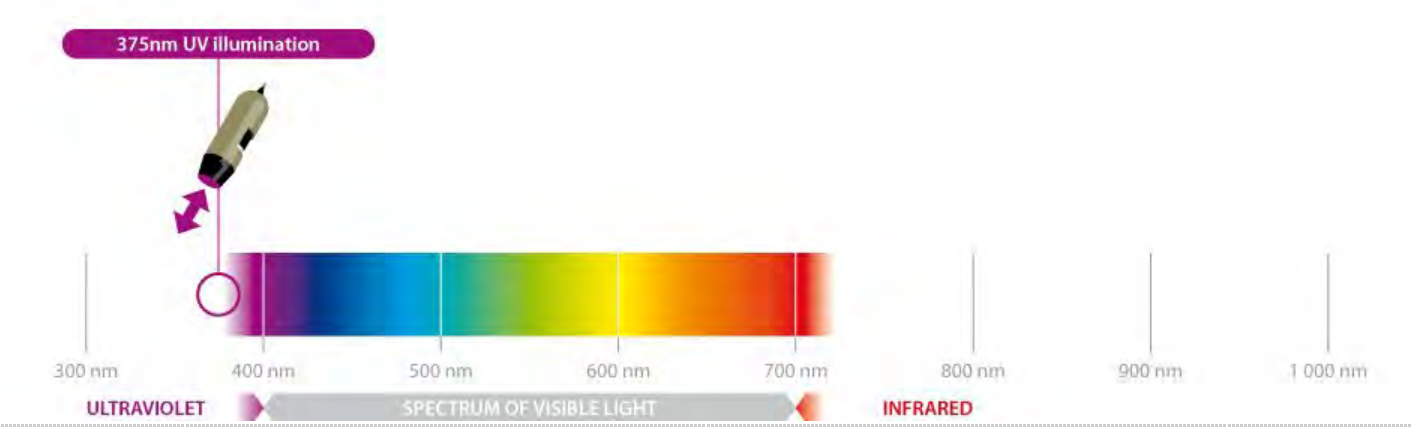
Price range:

€200,00 - €350,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


Special Light:




# AM4113T-FVW




The VW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~10-70x & 200x




MAGNIFICATION  
LOCK




1.3 MEGAPIXEL  
1280 x 1024



UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



STANDARD  
WORKING  
DISTANCE

» Also available without return filter (model AM4113T-VW) and in a version with ~375nm LEDs (model AM4113T-FV2W)

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV + white
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

Diffuser available:	No
Emission filter:	Yes, Emission barrier filter 400 nm
Polarizer:	No

## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	No

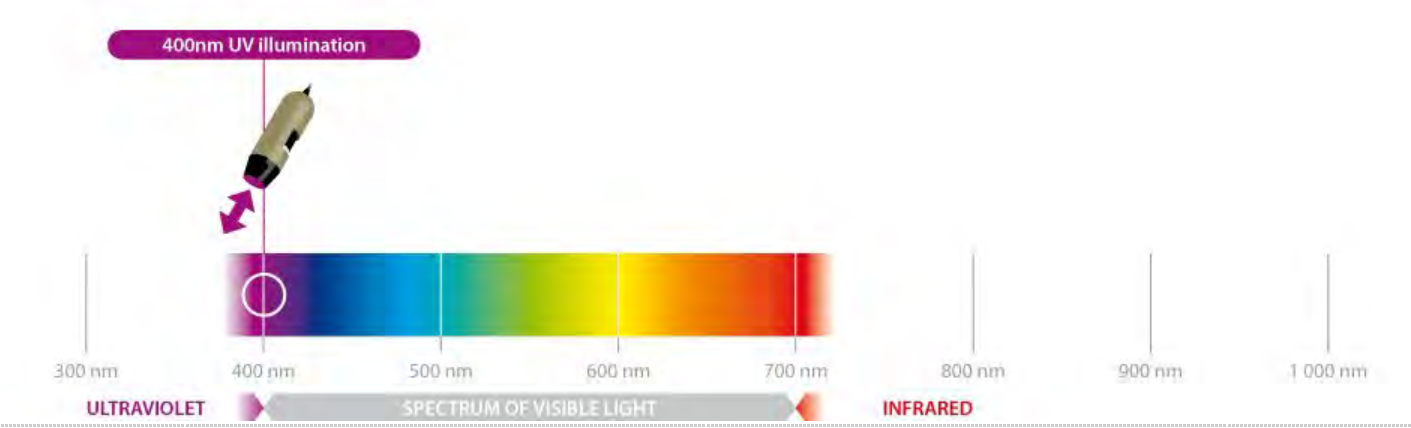
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€200,00 - €350,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


Special Light:




# AM4113T5




The AM4113T5 with a high magnification of 500x reveals even the smallest details on all kinds of objects. This model also provides the possibility to calibrate the microscope for measurements.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




FIXED  
~500x




MAGNIFICATION  
LOCK



1.3 MEGAPIXEL  
1280 x 1024



8 WHITE LEDS  
SWITCHABLE



STANDARD  
WORKING  
DISTANCE

## ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite High Magnification
------------------	------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

## OPTICS

Magnification:	500x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION



Package contents:

Microscope, Carry pouch, Software CD, Calibration target, User manual

Warranty information:

2 years European warranty

Regulatory approval:

CE, FCC, ROHS

Price range:

€200,00 - €350,00


Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
515	0.1	0.8	0.6	0.07
Listed values may differ slightly				Unit = mm


# AM4113TL





The AM4113TL is a special model with long working distance up to 15 cm at 20x magnification and around 4cm at 90x magnification. The extra working distance makes the TL series an ideal solution for tasks where you need more working distance to the object, for example repair, rework or assembly tasks.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**CONTINUOUS  
~10x-90x**

**MAGNIFICATION  
LOCK**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**LONG WORKING  
DISTANCE  
4-15 cm**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	No
------------	----

## OPTICS

Magnification:	10-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €200,00 - €350,00


**Working distance/ field of view/ depth of field:**

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


# AM4113TL-FVW




The VW series has two types of LED lights that are switchable between white and UV light. This model has a long working distance and a filter to filter out the returning UV light so that an image with natural colors can be obtained.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




CONTINUOUS  
~10x-90x




MAGNIFICATION  
LOCK




1.3 MEGAPIXEL  
1280 x 1024



UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



LONG WORKING  
DISTANCE  
4-15 cm

» Also available without return filter (model AM4113TL-VW)

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV + white
Number of LEDs:	4+4
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

<b>Diffuser available:</b>	No
<b>Emission filter:</b>	Yes, Emission barrier filter 400 nm
<b>Polarizer:</b>	No

## OPTICS

<b>Magnification:</b>	10-90x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Long
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>WiFi:</b>	no
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Composite/ plastic housing
<b>Magnification lock:</b>	Yes
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	105g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes
<b>Calibration:</b>	Yes

Microtouch sensor:	Yes
ESD safe:	No

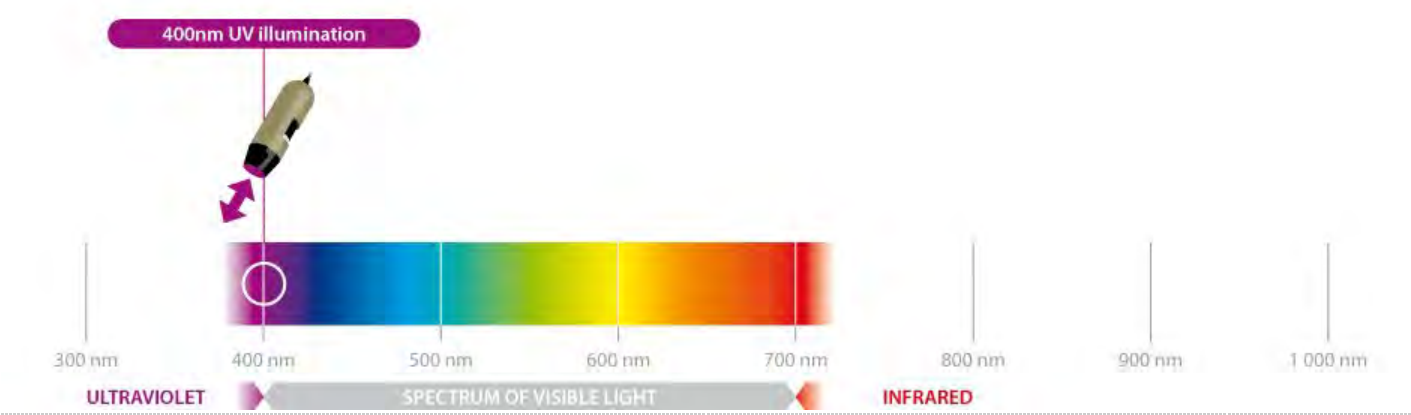
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


Special Light:




# AM4113TL-M40




The AM4113TL-M40 is a special version of the long working distance series with a lower magnification rate of between 5 and 40 times.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~5x - 40x




MAGNIFICATION  
LOCK



1.3 MEGAPIXEL  
1280 x 1024



8 WHITE LEDs  
SWITCHABLE



LONG WORKING  
DISTANCE  
4-15 cm

## ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite Long Working Distance

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No



## OPTICS

Magnification:	5-40x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:Microscope, Carry pouch, Software CD, Calibration target, User manual

Warranty information:2 years European warranty

Regulatory approval:CE, FCC, ROHS

Price range:€200,00 - €350,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10.5	195	37	30	16
21	95	18	15	5
30	67	13	10	3
39	53	10	8	2.5
Listed values may differ slightly				Unit = mm

# AM4113ZT



The Dino-Lite AM4113ZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.

**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10-70x & 200x**

**MAGNIFICATION  
LOCK**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**POLARIZER  
ANTI-REFLECTION**

**STANDARD  
WORKING  
DISTANCE**

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes

<b>Infrared filter:</b>	IR cut-filter >650 nm
<b>Diffuser available:</b>	No
<b>Emission filter:</b>	No
<b>Polarizer:</b>	Yes, linear

## OPTICS

<b>Magnification:</b>	10-70x, 200x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Standard
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>WiFi:</b>	no
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Composite/ plastic housing
<b>Magnification lock:</b>	Yes
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	105g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€200,00 - €350,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


# AM4113ZT4




The AM4113ZT4 with a high magnification of 400~470x reveals even the smallest details on all kinds of objects. The built-in, switchable polarizer makes the AM4113ZT4 the right choice for working with high glare materials such as jewelry, plastics and metals.




USB 2.0




MEASUREMENT  
FUNCTIONALITY




ADJUSTABLE  
~400x - 470x




MAGNIFICATION  
LOCK




1.3 MEGAPIXEL  
1280 x 1024



8 WHITE LEDs  
SWITCHABLE



POLARIZER  
ANTI-REFLECTION



STANDARD  
WORKING  
DISTANCE

## ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite High Magnification
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

<b>Polarizer:</b>	Yes, linear
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## OPTICS

<b>Magnification:</b>	400-470x
<b>Macro zoom:</b>	No
<b>Working distance:</b>	Standard
<b>Lens type:</b>	Glass with anti-reflection coating

## SENSOR

<b>Sensor type:</b>	CMOS
<b>Resolution:</b>	1.3 Megapixel (1280x1024)
<b>Maximum frame rate:</b>	30 fps

## COMPATIBILITY

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXscope (Mac OS)
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Composite/ plastic housing
<b>Magnification lock:</b>	Yes
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	105g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes
<b>Calibration:</b>	Yes
<b>Microtouch sensor:</b>	Yes
<b>ESD safe:</b>	No

INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €200,00 - €350,00

**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
430	-0.45	0.92	0.69	0.1
440	0.4	0.9	0.67	0.1
450	1.35	0.88	0.66	0.1
460	2.3	0.86	0.65	0.1
470	3.15	0.84	0.63	0.1
Listed values may differ slightly				Unit = mm





# AM4113ZTL





By using a special polarization filter, the AM4113ZTL is the right choice when working with high glare materials such as plastics and metals. This model also has a long working distance.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**


**CONTINUOUS  
~10x-90x**

**MAGNIFICATION  
LOCK**

**1.3 MEGAPIXEL  
1280 x 1024**

**8 WHITE LEDs  
SWITCHABLE**

**POLARIZER  
ANTI-REFLECTION**

**LONG WORKING  
DISTANCE  
4-15 cm**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range: Dino-Lite Long Working Distance

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	Yes, linear

## OPTICS

Magnification:	10-90x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €350,00 - €550,00


**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm


# AM7013MT





The Dino-Lite AM7013MT has a 5 megapixel sensor for crystal clear images, even under higher magnification. Because of the very high resolution, the AM7013MT is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**

**ADJUSTABLE  
~10 - 70x & 200x**

**5 MEGAPIXEL  
2592 x 1944**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**STANDARD  
WORKING  
DISTANCE**

## ADDITIONAL INFO

### DETAILS

**Dino-Lite range:** Dino-Lite Universal

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	No
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## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €550,00 - €750,00


**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


# AM7013MZT





The Dino-Lite AM7013MZT has a 5 megapixel sensor for crystal clear images, even under higher magnification. The built-in adjustable polarizer reduces glare and reflection on shiny objects. Because of the very high resolution, the AM7013MZT is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**


**ADJUSTABLE  
~10-70x & 200x**

**5 MEGAPIXEL  
2592 x 1944**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**POLARIZER  
ANTI-REFLECTION**

**STANDARD  
WORKING  
DISTANCE**

## ADDITIONAL INFO

### DETAILS

Dino-Lite range: Dino-Lite Universal

### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No

Polarizer:	Yes, linear
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## OPTICS

Magnification:	10-70x, 200x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes



## INFORMATION

**Package contents:** Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual

**Warranty information:** 2 years European warranty

**Regulatory approval:** CE, FCC, ROHS

**Price range:** €550,00 - €750,00


**Working distance/ field of view/ depth of field:**


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-
Listed values may differ slightly				Unit = mm


# AM7013MZT4





The Dino-Lite AM7013MZT4 has a 5 megapixel sensor for crystal clear images. With its high magnification of 400~470x, it reveals even the smallest details on all kinds of objects. The built-in adjustable polarizer reduces glare and reflection on shiny objects.


**USB 2.0**


**MEASUREMENT  
FUNCTIONALITY**


**ADJUSTABLE  
~400x - 470x**

**5 MEGAPIXEL  
2592 x 1944**

**8 WHITE LEDs  
SWITCHABLE**

**METAL  
HOUSING**

**POLARIZER  
ANTI-REFLECTION**

**STANDARD  
WORKING  
DISTANCE**

Because of the very high resolution, the AM7013MZT4 is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.

## ADDITIONAL INFO

### DETAILS

Dino-Lite range:	Dino-Lite High Magnification
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### LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm

Diffuser available:	No
Emission filter:	No
Polarizer:	Yes, linear

## OPTICS

Magnification:	400-470x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

## SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

## COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

## HOUSING

Housing material:	Metal housing
Magnification lock:	No
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

## FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00
Working distance/ field of view/ depth of field:	

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
430	-0.45	0.92	0.69	0.1
440	0.4	0.9	0.67	0.1
450	1.35	0.88	0.66	0.1
460	2.3	0.86	0.65	0.1
470	3.15	0.84	0.63	0.1
Listed values may differ slightly				Unit = mm

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Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
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