# Медицинские микроскопы WF, HF, AF

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### Dino-Lite Edge Series

#### WF4115ZT(W)



### Wireless Bundle with FLC & Polarizer

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.

Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge 1.3MP Bundle WF4115ZT(W) includes the AF4115ZT(W) modular device with FLC is designed to meet most professional applications within 20x-220x 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			
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels			
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows			
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps			
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")			
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)			
Polarization	No	Cable Length	182cm			
Magnification Range	20x - 220x	Imaging Standards	UVC			
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years			

Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> 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
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A

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

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

<sup>\*</sup> 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
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years

Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

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	-	-	-

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Medical Edge

#### AF7115MZTW-D



### Wireless Ready, 5MP Dermascope

The official magnification range of this microscope is 10x to 50x, however, this model is capable of focusing as low as 2x at longer distances.

Please contact us for more information.

The AF7115MZTW-D Dino-Lite Medical Dermascope, delivers 5MP image quality with Wide Field-of-View (WFOV) and Depth-of-Field (DOF), which makes it ideal for dermascopy applications on skin. Once in focus, rotating the magnification dial will achieve another focal point, and thus effectively zoom in the image optically. Use the N3C-L Long Cap to provide a dual focus option of ~17x when in (T) Telephoto mode and ~47x in (W) Wide Angle mode. This model offers the capability of looking into more detail while enjoying a larger field of view.

The adjustable polarizer helps to reveal more details in subsurface structures in the superficial dermis. This model includes the adaptable cap design, a detachable and interchangeable front cap design used in the Dino-Lite Edge series.

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 Dermascope.

# Magnification / Field of View

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm

Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	Т	50	40	30	20	15	W	30	20	15	10	5
Working Distance	Т	23	43	72	128	183	W	19	33	47	76	163
Field of View	Т	8 x 6	10 x 7	13 x 10	20 x 15	26 x 20	W	13 x 10	20 x 15	26 x 20	40 x 30	79 x 59
Depth of Field	Т	4	6	11	27	48	W	7	14	25	57	297

<sup>\*</sup> Units shown in millimeter

#### Dino-Lite Dino-Lite Edge Medical

#### AF4535-N3UT

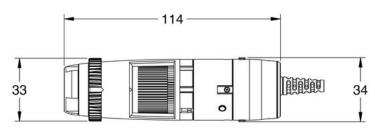


### Wireless Ready Capillaroscope

AF4535-N3UT Capillaroscope includes a special curved cap (N3C-N) for convenient and effective nailfold capillaroscopy at 80x and 300x. This model also includes AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This versatile nailscope can also be used as a handheld dermascope or general scope with a stand with a range of 10x – 330x. The included N3C-N cap is designed to fit comfortably over a fingernail for capillary viewing. Additionally, the sealed cap (N3C-C) can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

#### Related article: Capillaroscopy for Examing Microcirculation



Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
Working Distance	98.9	58.5	38.7	27.2	19.9	14.9	11.5	9	7.2	5.9	4.9	4.3	3.9	3.7	3.6	3.7	3.8	4.1	4.4	4.7	5.2	5.6	6.2	6.7	7.3	7.9
Field of View	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	х	x	х	3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5	1.9 x 1.4	1.8 x 1.3	1.7 x 1.3	1.6 x 1.2	1.6 x 1.2	1.5 x 1.1	1.4 x 1.1
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2

<sup>\*</sup> Units shown in millimeter

# Dino-Lite Dino-Lite Medical Edge

#### HF4115ZT(W)-T



## Wireless Ready, Trichoscope

The Dino-Lite Medical HF4115ZT(W)-T is a Digital Trichoscope package designed for Hair and Scalp. This USB model provides a quick and reliable solution for the examination of hair and scalp and can be converted to wireless with the WF-20(W) (sold separately).

# HF4115ZT(W)-T Included Caps

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A

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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Medical Edge

#### HF4115ZT(W)-D



## Wireless Ready, Dermascope

Dino-Lite Medical HF4115ZT(W)-D is a 1.3MP USB Digital Dermascope package designed for dermatology. This Dino-Lite handheld microscope provides a quick and reliable solution skin examinations. This DermaScope can be used as a USB microscope or swap to wireless with the wireless module (sold separately) to stream to iOS devices or Wi-Fi enabled Windows computers. The included software can be installed with the disc or downloaded directly from our downloads page.

# HF4115ZT(W)-D Included Caps

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A

Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Medical Edge

#### HF4115-RUT



### Wireless Ready Iriscope

Designed for viewing among irides with different colors, HF4115-RUT is a dual light source (switchable white and yellow LED) Iriscope with a 20x magnification that provides detailed and clear images of the iris. HF4115-RUT is compatible with Wi-Fi streamer WF-20 for wireless connectivity to mobile devices.

Simply place the Iriscope to the eye and take a picture using the included software. This model features a 1.3 megapixel sensor which lets you view and record images with great detail. Switch between white and yellowish LED lighting with the click of a button which helps to capture details within different color irides.

This model has replaced the now discontinued AM4113-RUT.

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
Working Distance	60.2	33.5	20.9	13.9	9.7	7.1	5.5	4.5	4.1	4	4.1	4.5	5	5.6	6.3	7.1	8	8.9	9.9	10.9	11.9
Field of View	19.5 x 11.7	13 x 7.8	9.8 x 5.9	7.8 x 4.7	6.5 x 3.9	5.6 x 3.4	4.9 x 3.0		3.9 x 2.3	3.6 x 2.1	3.3 x 2.0	3.0 x 1.8	2.8 x 1.7	2.6 x 1.6	2.4 x 1.5	2.3 x 1.4	2.2 x 1.3	2.1 x 1.2	2.0 x 1.2	1.9 x 1.1	1.8 x 1.1
Depth of Field	2.5	1.8	1.5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1

\* Units shown in millimeter

### Dino-Lite Dino-Lite Edge Medical

HF4115-N2UT(W)



## Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP HF4115-N2UT(W) uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. 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 and includes the popular FLC feature. This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

#### Related article: Capillaroscopy for Examing Microcirculation

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years

Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> 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
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

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

<sup>\*</sup> 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
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A

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

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	-	-	-

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Edge Medical

#### AF7515-N2UT



### Wireless Ready Capillaroscope

The Dino-Lite Edge 5MP AF7515-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. 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 and includes the popular FLC feature.

This high resolution nailscope can be used as a handheld dermascope or general scope with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. This model AF7515-N2UT includes the popular Automatic Magnification Reading (AMR) feature which displays the current magnification directly into the software.

#### Related article: Capillaroscopy for Examing Microcirculation

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC

LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	4.0 x 3.0	2.6 x 2.0	2.0 x 1.5	1.8 x 1.3
Depth of Field	26.0	7	3.3	2.0	1.4	0.4	0.3	0.2	0.2

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Edge Medical

#### AF4515-N4UT



### Wireless Ready Capillaroscope

The AF4515-N4UT Dino-Lite CapillaryScope uses the high-quality Edge Series sensor and optics with a magnification range of 400x - 470x intended for the inspection of microcirculation (microcapillary function) of the blood vessels under fingernails. 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 and includes the popular FLC feature. The curved cap (N3C-N) provides easy focusing and stability over the fingernail viewing area and the sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. The built-in adjustable polarizer provides additional convenience as well as imaging ability by eliminating glare and viewing through polarized light...

#### Related article: Capillaroscopy for Examing Microcirculation

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years

Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	400	410	420	430	440	450	460	470
Working Distance	5.1	6	7.3	8	8.8	10	11.3	11.8
Field of View	0.971 x	0.951 x	0.926 x	0.905 x	0.884 x	0.867 x	0.847 x	0.828 x
	0.713	0.697	0.680	0.664	0.648	0.636	0.621	0.608
Depth of Field	-	-	-	-	-	-	-	0.04

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Dino-Lite Edge Medical

#### AF4515-N2UT



## Wireless Ready Capillaroscope

Dino-Lite Edge Capillaroscope AF4515-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of finger nailbed. 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 and includes the popular FLC feature.

This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. This model AF4515-N2UT includes the popular Automatic Magnification Reading (AMR) feature which displays the current magnification directly into the software.

#### Related article: Capillaroscopy for Examing Microcirculation

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC

LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Edge Series

#### AF4115-N2UT



## Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP AF4115-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers.

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 and includes the popular FLC feature.

This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

Similar model available:

White Model: AF4115-N2UT(W)

Available Bundle: AF4115-N2UT(W) + WF-20(W)

USB Microscope and Wireless Adapter with White Polycarbonate Resin, includes curved cap. Provides ability for the scope to be used wirelessly.

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm

Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> Units shown in millimeter

### Dino-Lite Edge Series

AF4115-N2UT(W)



## Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP AF4115-N2UT(W) uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. 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 and includes the popular FLC feature. This nailscope can be used as a handheld microscope or with a stand with a range of 20x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

#### Related article: Capillaroscopy for Examing Microcirculation

Measurement & Calibration	Yes	Connection Type	USB 2.0
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years

Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

<sup>\*</sup> 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
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)
Polarization	No	Cable Length	182cm
Magnification Range	20x - 220x	Imaging Standards	UVC
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years
Working Distance	Standard	Emission Wavelength (Filter)	N/A
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A
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

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

<sup>\*</sup> 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	
Flexible LED Control (FLC)	Brightness control only	Resolution	1280 × 1024 pixels	
Automatic Magnification Reading (AMR)	Yes	Operating System	Mac OS, Windows	
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps	
Enhanced Dynamic Range (EDR)	No	Dimensions	11.4cm (H) x 3.3cm (D) (4.4" x 1.29")	
Depth Acquisition (DPQ)	No	Weight	111g (3.9 oz)	
Polarization	No	Cable Length	182cm	
Magnification Range	20x - 220x	Imaging Standards	UVC	
LEDs	Ultraviolet 375nm (4), White (4)	Warranty Period	2 years	
Working Distance	Standard	Emission Wavelength (Filter)	N/A	
Body Material	ABS Plastic	Excitation Wavelength (LED)	N/A	

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

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	-	-	-

<sup>\*</sup> Units shown in millimeter

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