

USB микроскопы (USB) VGA

Технические характеристики

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AF3113T

The Dino-Lite Premier AF3113T is a general-purpose model made with quality, providing fluid live-preview as well as wireless adapting capability. By attaching with WF-20 Wi-Fi streamer, the AF3113T could be transformed to a wireless microscope for mobile or wireless usage.

This model is also available in white.



VGA resolution

The CMOS image sensor transmits 640x480 resolution with up to 60fps.



Adaptable interface

The adaptable interface provides the flexibility 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.



MicroTouch button

The touch-sensitive button allows to capture image or to record video with a single tap.



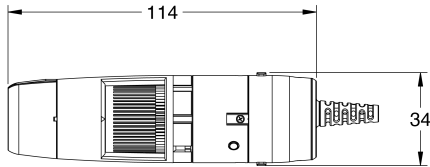
Scroll Lock

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)	DOF
20	51.7	21	15.7	8.02
30	24.1	14	10.5	
40	11	10.5	7.9	
50	3.8	8.4	6.3	1.95
55	0.6	7.4	5.2	
215	0.6	1.9	1.3	
220	1.7	1.8	1.3	

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

Model	AF3113T Dino-Lite Premier
Interface	USB 2.0
Resolution	VGA (640x480)
Magnification	20x~55x, 220x
Frame Rate	30fps in VGA, YUY2 60fps in VGA, MJPEG
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
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	105g
Color	Grey: AF3113T / White: AF3113T(W)

AF3111HT

Evaluate the auditory canal and tympanic membrane of patients with Dino-Lite AF3111HT digital otoscope. AF3111HT is compatible with WF-20, a Wi-Fi streamer that allows wireless transmission of live imaging to a computer or mobile device.



VGA resolution

The CMOS image sensor transmits 640x480 resolution with up to 60fps.



Adaptable interface

The adaptable interface provides the flexibility 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.



MicroTouch button

The touch-sensitive button allows to capture image or to record video with a single tap.



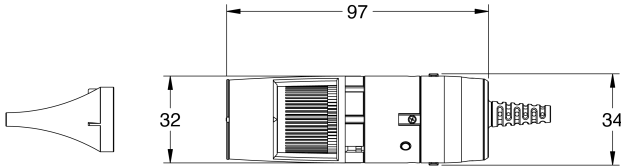
Scroll Lock

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)	DOF
20	51.7	21	15.7	8.02
30	24.1	14	10.5	
40	11	10.5	7.9	
50	3.8	8.4	6.3	1.95
55	0.6	7.4	5.2	

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

Model	AF3111HT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	VGA (640x480)
Magnification	20x~55x
Frame Rate	30fps in VGA, YUY2 60fps 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, 4 LEDs
Unit Dimension	97 mm (H) x 34 mm (D) 
Unit Weight	105 g

AM3111

The AM3111 digital microscope is an economical pick that provides smooth imaging and balanced color performance, making it suitable for a variety of applications, such as simple industrial inspections, educational use, or personal hobbies.



Smooth Imaging

The CMOS image sensor transmits smooth images at up to 60 fps with 640 x 480 resolution.



Adjustable Magnification

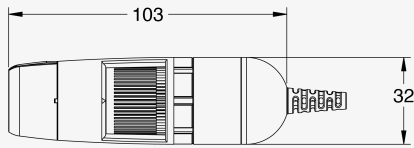
The adjustable magnification ranges from 20x ~ 50x for a broad view to over 200x for detailed close-ups, easily controlled with the focus knob.

Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	64	20	15	14
30x	34	13	10	7
40x	20	10	7	4
50x	13	8	6	3
200x	5	2	1	0.3

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite's cap and the object being observed.
FOV: Field of View
DOF: Depth of Field

Model	AM3111
Series	Dino-Lite Premier
Interface	USB 2.0
Resolution	VGA (640 x 480)
Magnification	20x ~ 50x, 200x
Frame Rate	30 fps at VGA, YUV 60 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	No
Calibration Function	No
Microtouch	No
Scroll Lock	No
Illumination	White Light, 8 LEDs
Cable Type	Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	103 mm (H) x 32 mm (D) 
Unit Weight	Approx. 94 g

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