

AF4115TF

Dino-Lite Edge



Summary

AF4115TF is a 10-70x extra-long working distance microscope ideal for tasks requiring inspections from a distance. AF4115TF magnifies at a minimum working distance of 108mm at 70x and is compatible with WF-20 Wi-Fi streamer.

Overview

Extra-long Working Distance (ELWD)

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70X, making it well-suited for observations requiring ample space between microscope and object.

High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.

Adaptable interface

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

Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.

Scroll Lock

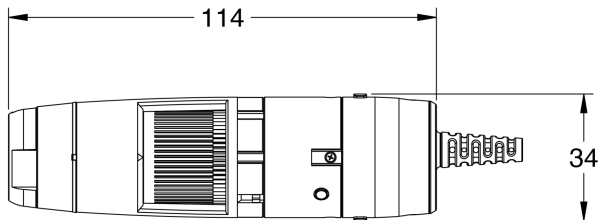
For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.

Interchangeable caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

Specification

Model	AF4115TF
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	2.0 Megapixel (1280 x 1024)
Magnification	10x ~ 70x
Frame Rate	15fps at 1.3MP, MJPEG 30fps 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 space available or more
Operating System	Windows 7/8/10/11 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: MP4

	DinoXscope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111 g

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate WD = working distance (without front cap) FOV = field of view
DOF= depth of field Unit = mm

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