

AF7515MT4A



Brand:
Product Code: AF7515MT4A

Short Description

High Optical Resolution
5.0 Megapixel
Coaxial-Brightfield Illumination
Flexible LED Control (FLC, coaxial light)
Automatic Magnification Readout (AMR)
Adaptable Interface
Robust Metal Housing

Description

Integrated with coaxial lighting for viewing reflective surfaces, AF7515MT4A is a 5-megapixel microscope delivering exceptional brightfield imaging at 420x ~ 470x magnification. Through the use of FLC, this model can offer clear visualization of different topographical features such as edges, dents, and pores. AF7515MT4A is also compatible with the optional WF-20 Wi-Fi streamer, providing users with added convenience for wireless streaming applications

Working distance/field of view/depth of field

M	WD	FOV (x)	FOV (y)	DOF
420	6.7	0.94	0.71	0.04

430	7.7	0.92	0.69	0.04
440	8.6	0.90	0.67	0.04
450	8.6	0.88	0.66	0.04
460	8.5	0.86	0.65	0.03
470	8.4	0.84	0.63	0.03

Specification

Lighting	
Light/ LED type	White
Optics	
Magnification	420x ~ 470x
Sensor	
Resolution	5.0 Megapixel (2592 x 1944)
Maximum frame rate	10 fps at 5.0 MP/3.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG 10 fps at 1.3 MP, YUY2
Compatibility	
Interface	USB 2.0
Operating system	Windows 7/8/10/11 macOS 10.14 or later
Housing	
Magnification lock	Yes
Dimensions	117 mm (H) x 34 mm (D)
Weight	Approx. 101 g
Cable length	Approx. 1.8 m
Features	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
Package contents	Microscope, Carry pouch, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- diffuser cap, N3C-E- extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS