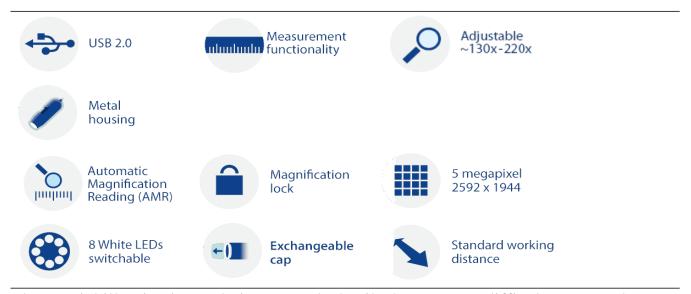# AM7515MT2A

Brand: Dino-Lite
Product Code: AM7515MT2A

Short Description
5 Megapixel resolution
130-220 x magnification
Coaxial and brightfield illumination
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)

Description
The AM7515MT2A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 130-220x with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.

USB 2.0	Measurement functionality	Adjustable ~130x-220x
Metal housing		
Automatic Magnification Reading (AMR)	Magnification lock	5 megapixel 2592 x 1944
8 White LEDs switchable	Exchangeable cap	Standard working distance

The coaxial illumination technique reveals details that are very difficult to see under normal light. The AM7515MT2A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software.

These unique features make the Dino-Lite AM7515MT2A a great inspection tool for material analysis, electronics inspection, or any similar application that requires coaxial illumination, versatility and mobility. The Dino-Lite AM7515MT2A is bundled with the

user-friendly DinoCapture 2.0 software for Windows.

For this model it includes functions such as:

• Automatic Magnification Reading (AMR)
• Flexible LED Control (FLC)
• Calibration
• Measurement
• Capturing & annotating images
• And recording video

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	***Without front cap**			**Unit = mm**

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes, N3C-D
Emission filter	No
Polarizer	No

Optics	
Magnification	130-220x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	5 Megapixel (2592x1944)
Maximum frame rate	30fps (max 20fps video recording)
Compatibility	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 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 (max 1.3MP)
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	140g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Reading (AMR), Flexible LED Control (FLC), Coaxial illumination
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	Yes
Information	
Package contents	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box

Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1000,00 - €1200,00

Product Gallery