

AM4517MTL-FI

**Brand:****Product Code:** AM4517MTL-FI

Short Description

1.3 Megapixel

High Sensitivity Sensor



Long Working Distance (LWD) Optics

Automatic Magnification Readout (AMR)

Robust Metal Housing

Description

Equipped with 850 nm LEDs, the AM4517MTL-FI is a high-sensitivity, long working distance microscope offering 10x ~ 140x magnification for revealing distinct surface properties under infrared light. This model features AMR to ease measurements.

	USB 2.0		1,3 Megapixels 1280 x 960		Magnification lock
	Long working distance		Exchangeable cap		Automatic Magnification Reading (AMR)
	Continuous ~10x - 140x		Infrared LEDs ~ 940nm		

The main features of the AM4517MTL-FI are:

- 1.3 Megapixel
- High Sensitivity Sensor
- Adjustable LED Intensity
- Long Working Distance (LWD) Optics
- High Quality Optics
- Automatic Magnification Readout (AMR)
- Robust Metal Housing

Optical Data Table

Magnification Rate	Working Distance *	Field of View(x)	Field of View(y)	Depth of Field
Listed values may differ slightly	* Without front cap			Unit = mm
10x	238.3	39.07	29.30	25.47
20x	115.4	19.53	14.65	6.89
30x	75.9	13.02	9.77	3.29
40x	57.1	9.77	7.32	1.98
50x	46.7	7.81	5.86	1.35
60x	40.5	6.51	4.88	0.99
70x	36.7	5.58	4.19	0.77
80x	34.3	4.88	3.66	0.62
90x	32.9	4.34	3.26	0.52
100x	32.3	3.91	2.93	0.44
110x	32.1	3.55	2.66	0.38
120x	32.3	3.26	2.44	0.33
130x	32.8	3.01	2.25	0.30
140x	33.5	2.79	2.09	0.27