

AM4115ZT



TECHNICAL SPECIFICATIONS

Interface	USB 2.0
Product Resolution	1.3 Mpixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30 fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 8, 7, Vista, XP MAC OS 10.4 or later
Unit Dimension	10.3cm (H) x 3.2cm (D)
Unit Weight	100 (g)

INFORMATION ABOUT WORKING DISTANCE AND FIELD OF VIEW

M	WD1	WD2	FOV (X)	FOV (Y)	DOF
20	52.7	60.2	19.5	15.6	2.5
30	26	33.5	13	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	
60	2.2	9.7	6.5	5.2	
70		7.1	5.6	4.5	1.0
80		5.5	4.9	3.9	
90		4.5	4.3	3.5	
100		4.1	3.9	3.1	
110		4	3.6	2.8	
120		4.1	3.3	2.6	
130		4.5	3	2.4	
140		5	2.8	2.2	
150		5.6	2.6	2.1	
160		6.3	2.4	2	
170		7.1	2.3	1.8	
180	0.5	8	2.2	1.7	
190	1.4	8.9	2.1	1.6	
200	2.4	9.9	2	1.6	
210	3.4	10.9	1.9	1.5	
220	4.4	11.9	1.8	1.4	0.1

M = magnification rate

WD1 = working distance

WD2 = working distance without front cap

FOV = field of view

DOF= depth of field

Unit = mm