

# AM3113T



## TECHNICAL SPECIFICATIONS

Interface	USB 2.0
Product Resolution	640x480 pixels (VGA)
Magnification Rate	20x~50x, 200x
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 DinoXscope: PNG, JPEG  Movie: DinoCapture2.0: WMV, FLV, SWF DinoXscope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 8, 7, Vista, XP MAC OS 10.4 or later
Unit Dimension	10cm (H) x 3.2cm (D)
Unit Weight	100 (g)

**INFORMATION ABOUT WORKING DISTANCE AND FIELD OF VIEW**

M	WD	FOV (X)	FOV (Y)	DOF
20	51.7	21	15.7	8.02
30	24.1	14	10.5	
40	11	10.5	7.9	
50	3.8	8.4	6.3	1.95
60	-0.6	7	5.2	
200	-0.4	2.1	1.6	0.46
210	0.6	2	1.5	
220	1.7	1.9	1.4	
230	2.8	1.8	1.4	

M = magnification rate

WD = working distance

FOV = field of view

DOF= depth of field

Unit = mm