

AM7013MZT



TECHNICAL SPECIFICATIONS

| | |
|----------------------------|--|
| Interface | USB 2.0 |
| Product Resolution | 5 Mpixels (MJPEG codec may be required to run at 2592 x 1944 resolutions) |
| 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 |
| Polarizer | Yes |
| Measurement Function | Yes |
| Calibration Function | Yes |
| Operating System Supported | Windows 8, 7, Vista, XP MAC OS 10.4 or later |
| Unit Dimension | 10.5cm (H) x 3.2cm (D) |
| Unit Weight | 140(g) |

INFORMATION ABOUT WORKING DISTANCE AND FIELD OF VIEW

| M | WD | FOV (X) | FOV (Y) |
|----------|-----------|----------------|----------------|
| 20 | 48.7 | 19.8 | 14.9 |
| 30 | 21.7 | 13.2 | 9.9 |
| 40 | 9.0 | 9.9 | 7.4 |
| 50 | 1.9 | 7.9 | 5.9 |
| 60 | -2.3 | 6.6 | 5.0 |
| 220 | -0.1 | 1.8 | 1.4 |
| 230 | 1.0 | 1.7 | 1.3 |
| 240 | 2.1 | 1.7 | 1.2 |

M = magnification rate

WD = working distance

FOV = field of view

Unit = mm