

# AM4113ZT



## TECHNICAL SPECIFICATIONS

|                            |  |
|----------------------------|--|
| Interface                  | USB 2.0  |
| Product Resolution         | 1.3 Mpixels (SXGA)   |
| Magnification Rate         | 20x~50x, 200x  |
| Sensor                     | Color CMOS   |
| Frame Rate                 | Up to 30 fps   |
| Save Formats               | Image:<br>DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM<br>DinoXscope: PNG, JPEG<br><br>Movie:<br>DinoCapture2.0: WMV, FLV, SWF<br>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<br>MAC OS 10.4 or later  |
| Unit Dimension             | 10.5cm (H) x 3.2cm (D)   |
| Unit Weight                | 105(g)   |

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

| M   | WD   | FOV (X) | FOV (Y) |
|-----|------|---------|---------|
| 20  | 48.7 | 19.6    | 15.6    |
| 30  | 21.7 | 13.0    | 10.4    |
| 40  | 9.0  | 9.8     | 7.8     |
| 50  | 1.9  | 7.8     | 6.3     |
| 60  | -2.3 | 6.5     | 5.2     |
| 220 | -0.1 | 1.8     | 1.4     |
| 230 | 1.0  | 1.7     | 1.4     |
| 240 | 2.1  | 1.6     | 1.3     |

M = magnification rate

WD = working distance

FOV = field of view

Unit = mm