DINOLITE AM4113TL - DIGITAL MICROSCOPE LWD IR (10-90X, 1.3MPX)

SKU: 149893E

DINO-LITE AM4113TL DIGITAL MICROSCOPE 10-90X

AM4113TL - Dino-Lite hand-held USB digital microscope with 1.3mpx sensor (10-90x), equipped with built-in **LED lighting** and **IR filter**.
Long Working Distance (LWD) series: **up to 15cm at 20x** magnification, approx. **4cm at 90x** magnification. Ideal for tasks where an extra distance to the object and a larger field of view are required, such as for example repair, rework and assembly.
Includes the use of DinoCapture / DinoXcope software for Windows / Mac operating systems (downloadable online).

Note: This video shows a general presentation of all Dino-Lite microscopes, and not specifically the features of the AM4113TL model

Specifications

- Optics
  Magnification range: 10 - 90 x - Continuously adjustable
  Lens type: Glass with anti-reflection coating

- Sensor
  Sensor type: CMOS
  Camera resolution: 1.3 mpx (1280 x 1024 pixel)
  Frame rate: up to 30 fps
- Supported image formats:
  – DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
  – DinoXcope: PNG, JPEG
- Supported video formats:
  – DinoCapture 2.0: WMV, FLV, SWF
  – DinoXcope: MOV
- Lighting: 8 white LEDs
- **IR filter: IR cut-filter (>650 nm)**
- Microtouch sensor: Yes
- **Measuring and calibration functions: Yes**
- Connection cable: USB 2.0 - Length: 1.8 m
- Housing: Composite (standard version) - Metallized version available on request
- ESD safe: No
- RoHS compliant: Yes
- Dimensions: **OAL 115 mm**, Diameter 32 mm
- Weight: 105 g
- EAN: **4712805477920**.

Optical data

Magnification	Working distance*	FOV* (x)	FOV* (y)	Depth of field*
20	151.0	19.6	15.6	6
30	101.0	13.0	10.4	3.4
40	77.2	9.8	7.8	2.2
50	64.1	7.8	6.3	1.65
60	56.2	6.5	5.2	-
70	51.3	5.6	4.5	-
80	48.3	4.9	3.9	-
90	46.6	4.3	3.5	0.8

*
Unit: mm.
Listed values may differ slightly.

Scope of supply: Dino-Lite AM4113TL microscope, Calibration target, USB connecting cable (1.8 m), User manual.