



PDM-1200



Portable Microscope w/7in 1080FHD

OVERVIEW

The PDM-1200 is a full featured microscope offering clear imaging displayed on a 7in onboard display. The PDM-1200 supports AVI video resolutions of 1080FHD, 1080P, and 720P along with image resolution up to 12M. The stand allows for height adjustment and screen angle adjustment of 270° front and back. Illumination is provided by 8 LED lights with adjustable brightness & 2 extra auxiliary lights with adjustable positioning. Onboard storage using the Micro SD slot and 32GB Micro SD card. Wired remote control to operate the PDM-1200 without connecting to a PC and real-time viewing supported when connected to a PC via USB cable.

FEATURES

- Multiple video resolution support up to 1080FHD
- Image resolution up to 12M
- CMOS image sensor
- Supports 12 languages
- Adjustable 8 LED lights
- Focus range from 10~40mm.

APPLICATIONS

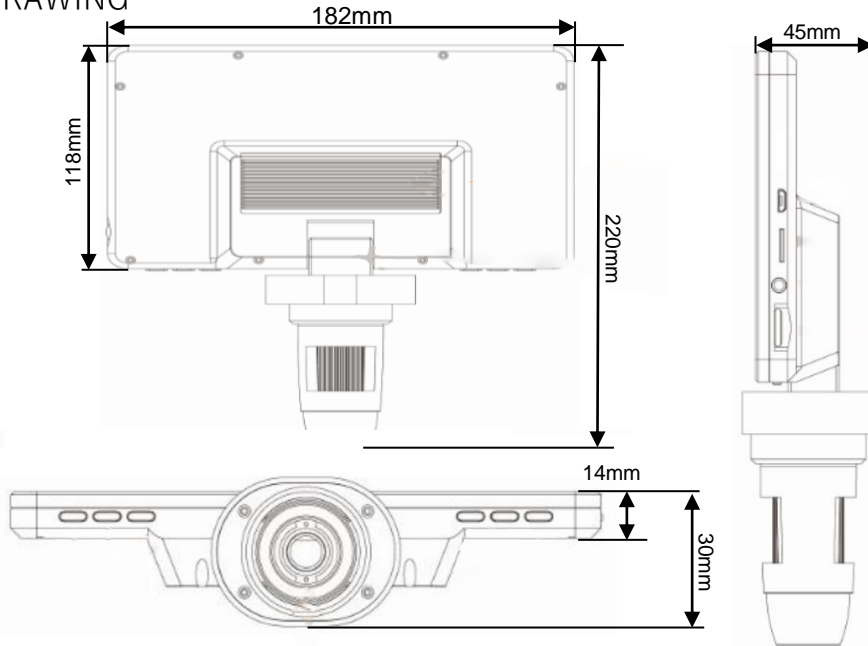
- Integrated circuits
- Quality Control
- Micro-printing
- Research and development

SPECIFICATIONS

Magnification	1200X
Video Resolution	1080FHD, 1080P, 720P
Photo Resolution	12M, 10M, 8M, 5M, 3M
Video Format	AVI
Image Format	JPG
Light Source	8 LED Lights (brightness adjustable) 2 additional auxiliary light sources
Focusing Range	10-40mm
Camera Angle	16°
Lens Optical Size	1/4"
Interface and Signal Transmission	Micro/USB 2.0
Storage	32GB Micro SD
Screen Angle	270° front and rear adjustment



MECHANICAL DRAWING



SOFTWARE

Software for the GUI is supported on Mac OS and Windows XP up to Windows 10. For more information contact the Optilab sales team.

