

AMT042 FCC 1080P HDMI Portable Digital Microscope With Screen Display Polarizer

AMT042 is the polarizer type LCD digital microscopes that with high resolution and multiple output methods for various applications. It supports for 4 kinds of connection: live viewing, capture, recording by the device itself; through HDMI cable to output live into HDMI monitor; through TV cable to output live into TV monitor; through USB cable connecting to Windows, Mac computes or laptop and do some capture, store images and videos, measurements with attached PC software. The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.

Applications:

1. Industry: PCB Repairing, Manufacturing, Engineering integration, Quality Control, Assembly, Printing
2. Health care: Dermatology Skin Inspection, Trichology Hair and Scalp Inspection, ridology, Nail Circulation
3. Hobbies: Coins & Stamps Collection, Antiques, Art restoration, Culture preservation
4. Jewelry and Diamond Identify, Watch Repairing, Mineralogy, Material Science, Education

Specifications:

1. Screen size: 4.3"
2. Polarizer built-in: Yes
3. Image sensor: 5 Megapixel 1/2.8" CMOS Image Sensor
4. Sensor resolution: 5M pixels (2592*1944)
5. Photo Resolution: 12MP, 10MP, 8MP, 5MP, 3MP, 2MP
6. Video Resolution: 1920*1080, 1280*720
7. Max. resolution by digital zoom: 12MP
8. Max.magnification by digital zoom: 1200x
9. Magnification Ratio: Real 10x~250x, Up To 1200x By Digital Zoom (Based On 21" Display)
10. Focus Range: From 0mm to 55mm on metal stand
11. Focus Mode: Manual Continuous Focus
12. Lens Type: Optical Glass
13. Adjustable magnification: 10x ~ 250x (on 21"monitor)

14. Body dimension: 235x123x65mm
15. Connection type: 4.3" LCD, USB 2.0 to PC, HDMI Port To Monitor, TV Port To Monitor
16. Supported operation systems: Windows 7/8/10, macOS 10.14 and above
17. PC Software with measurement: Yes
18. PC Software support four display concurrently: Yes
19. PC Software language: There are 16 languages built in the software
20. OSD language (language from the device): There are 16 languages built in the software
21. Light source: Dimmable LED ring illuminator (8pcs SMT White LED)
22. LED Brightness Adjustable: Yes
23. SD Card Slot: Support SD Card Storage Up To 32G (Not Included)
24. Battery rechargeable and replacement: Yes
25. Battery working time: Continue working for 2 hours
26. Accessories: USB cable, HDMI cable, TV cable, rechargeable battery, CD, calibration ruler, metal stand
27. Gross Weight: 0.2kg
28. Gift Box: 27.5*18.5*10.5cm
29. Gross Weight: 0.85kg
30. Carton Box: 46.5*33*37.5cm
31. Gross Weight: 14.7kg
32. Carton: 16Pcs