www.mic-fi.com

USB & Wi-Fi Digital Microscope with UV + White light + Polarised filter

Code: MICFIUVWP

MICFIUVWP with UV + White light + polarized filter is a very innovative handheld color digital microscope with Wi-Fi wireless transmission. It breaks the conception of traditional microscope to realize the following functions: measurement, conservation, copy and transfer of images and video which are difficult for a traditional microscope. It is a small, easy to operate light and portable fun. It can be used with all the most popular smartphones, tablet and even with PC.

Main applications:
•Industrial Inspection •Electronics/mechanical assembly and quality control •Scientific teaching tool •School Research tool •Printing Inspection •Textile inspection •Insect dissection/observing •Plant dissection/observing •Collections/jewelry Inspection •Reading aid •etc.

Wi-Fi Information

Operation system	Windows ,OS X, iOS , Android
Photo and Video Resolution	1.3MPixels-- 1280x1024(MJPG),640x480(MJPG), 320x240
Frame Rate	15fps(1280x1024),30fps(640x480) 320x240
Wi-Fi Protocol	IEEE 802.11 b/g/n standards compliant
Wi-Fi Wireless Transmission Distance	up to 5m
Transmit Power	11n HT40 MCS7: +13 dBm , 11b CCK: +18 dBm , 11g OFDM: +15 dBm
Data Rate	802.11n: up to 150Mbps , 802.11b: 1, 2, 5,5, 11Mbps , 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Frequency Range	2.400 ~ 2.4835GHz
Power Consumption	Max 2.5W
Frame Rate	10fps~30fps
Li-ion Battery	Continuous Working Time—Appx.2 Hours, Full Charging Time—Appx.2 Hours
Power Source	DC5.0V/1A Please use ONLY usb wall adaptors that are certified according the CE and/or FCC regulations

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USB Information

Operation system	Windows ,OS X, Android
Photo and Video Resolution	**2Mpixel**—1280x1024,640x480,320x240
Frame Rate	30fps
PC interface	USB 2. 0
USB Cable for recharging	1.8m

CAMERA Information

Camera Sensor	CMOS 1/3”
Optical features	Exposure: Auto , Gamma:Auto , White Balance: Auto , Black Reference: Auto ,

MICROSCOPE Information

Magnification	10x~90x; 140x~220x
Object Distance	8~100mm
Focus Range	8mm ~ 100mm
Light Source	n. 4 **adjustable** White Led + n. 4 UV Led (400nm) + n. 4 adjustable polarized led
Lens	High Definition Microscopy Lens
Dimensions	36mm(Diameter) x 142mm(Length)
Weight	88g

Package:

- USB & Wi-Fi Digital Microscope
- Trasparent Cap
- USB AC adapter
- USB cable
- Quick manual
- Plastic Stand
- Line Calibration Ruler

Raccommended Products		
RCKA	**RCKX**	**RCKY**
Dimensions: (W)8cm x (L)15cm x (H)25cm The RCKA articulated desktop stand holds the Mic-Fi microscope with a flexible gooseneck arm that can be bent and twisted into many positions. This convenient and versatile stand is compatible with all Mic-Fi handheld microscopes, which allow the user with hands free stable operations of the scope.	**Dimensions: (W)12.7cm x (L)20.7cm x (H)30.5cm** The RCKX is a rigid vertical desktop stand that was designed to be used with the Mic-Fi digital microscope. It provides about 20cm of vertical working distance from the object.	**Dimensions: (W)12.7cm x (L)20.7cm x (H)30.5cm** The RCKY stand is designed for use with the complete line of Mic-Fi digital microscope. This stand utilizes an adjustable sliding horizontal boom arm with up to 25cm reach and 360 degree rotational capability making it ideal for inspection applications where the ability to extend out over and across a specimen is required.

Designed in Italy
Manufactured in China