

Main Features

- Digital Microscope
- White Led + Adjustable polarization
- Wi-Fi Transmission
- USB Connection
- Photo/Video
- Measurement function

Wi-Fi & USB DIGITAL MICROSCOPE “Polarised”



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Product Description

The **Mic-Fi Microscope** is a small digital microscope with Wi-Fi transmission or USB connection. Through Apps/Software you can capture photos and videos, measure and store. Magnification 5x÷220x

Intended use:

Industrial Control • Electronics / Mechanical Assembly and Quality Control • Science Education • School and Research • Printing • Fabrics • Insects-Observation and Dissection • Plants / Observation • Collections / Jewelry • Chemistry and much more.

General Specifications

Product code	MICFIP
Operating system	Windows, OS X, IOS, Android
Battery	Lithium, about 2 hours at full use
Power supply	DC5.0V/1A Use only power supplies that comply with current regulations
Degree of protection (EN 60529:1991+A2:2013)	IP40 (casing protected against solid bodies larger than 1mm and against access with a wire, but not protected from liquid ingress)
Work mode	continuous
Magnification	5x÷220x
Viewing distance	1÷100mm
LED	8 White led (adjustable led intensity) + Adjustable polarizing ring
Lens	High Definition Microscopy Lens
Camera	Color CMOS Camera
Sensor	1/3" CMOS
Optic	Exposure: auto Gamma: auto White balance: auto Reference: auto
Dimensions (diameter x length)	36mm x 142mm
Weight	88g

Wi-Fi specifications

Wi-Fi standard	IEEE 802.11 b/g/n
Transmission distance	Up to 5m
Photo and video resolution	MAX 1.3MP
Frame Rate	15÷30fps
Wi-Fi signal power	11n HT40 MCS7: +13dBm, 11bCCK: +18dBm, 11gOFDM: +15dBm
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	2.400÷2.4835GHz
Consumption	Max 2.5W

USB specifications

Photo and video resolution	MAX 2MP
Frame Rate	10÷30 fps
Image format	.bmp, .jpg
PC Interface	USB 2.0

Available Mic-Fi Software for Windows and MAC

Mic-Fi App for iPad/iPhone

Mic-Fi Med Plus 2 App for Android Tablet & Smartphone

Packing content:

- Mic-Fi Digital Microscope
- USB cable
- Quick start
- Calibration ruler
- Microscope base

Magnification	Working distance	FOV (x)	FOW (y)	
Minimum	100	35	22	
10	45	25	15	
60	18	10	6	
80	2	6	4	
150	2	5	3	
210	7	3	2	
<p>The reported values may differ slightly from the actual values The working distances are relative to the microscope without spacers Contact magnification with 7mm spacer: 60x and 210x</p>				Unit: mm

RECOMMENDED PRODUCTS		
RCKA	RCKX	RCKY
		
<p>RCKA is a table stand with flexible arm in cast iron base steel. Total weight: 1kg.</p>	<p>RCKX is a rigid, vertical stand designed for use with Mic-Fi microscopes. The slider is adjusted using the precision wheel located on the side. Rod height: 28cm.</p>	<p>RCKY is designed to be used with the full line of Mic-Fi microscopes. This holder has an adjustable horizontally sliding arm of approximately 23cm allowing the microscope to rotate 360 degrees. The slider is adjusted using the precision wheel located on the side. Rod height: 28cm</p>

Designed in Italy
Manufactured in China