

## Main Features

- Digital Microscope
- White + UV + Polarised Filter
- Wi-Fi Transmission
- USB Connection
- Photo/Video
- Measurement function

## Wi-Fi & USB DIGITAL MICROSCOPE “Triple light”



Mic-Fi is a trademark owned by Italeco S.r.l. - ITALY

## Product Specifications

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	MICFIUVWP
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	<b>5x÷220x</b>
Viewing distance	1÷100mm
LED	<b>4 White led + 4 UV led 400nm + 4 led with polarised filter (adjustable led intensity)</b>
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 Wi-Fi Specifications

Photo and video resolution	<b>MAX 2MP</b>
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	300	-	-	
10	68	33	19	
60	18	10	6	
80	2	7	4	
200	18	3	1.5	
<p>The reported values may differ slightly from the actual values            The working distances are relative to the microscope without spacers            Contact magnification with spacers 6mm: 60x e 215x</p>				Unit: mm

RECOMMENDED PRODUCTS		
RCKA	RCKX	RCKY
		
<p><b>RCKA</b> is a table stand with flexible arm in cast iron base steel. Total weight: 1kg.</p>	<p><b>RCKX</b> 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><b>RCKY</b> 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**