

Wi-Fi – USB Digital CAMERA (C-mount) for Optical Instruments & Devices
MDR 2017/745/UE – Medical Device Class I

Code: **FEDMEDMICFIEYE**



FEDMEDMICFIEYE is a Wi-Fi camera with C-mount and allows to digitalize the image on tablets, smartphones and Pc using dedicated Apps and Softwares. FEDMEDMICFIEYE is compatible with all optical devices such as microscopes, endoscopes, boroscopes, fiberscopes, c-mount lenses etc.

Main applications:

→ **Dermatology, Otorhinolaryngology, Proctology...**

Example of connection with optical devices:



GENERAL FEATURES

Operating System	Windows, OS X, IOS, Android
Battery	Li-ion, Continuous working time appx. 2 hours
Battery charges	DC5.0V/1A Please use ONLY usb wall adaptors that are certified according the CE and/or FCC regulations
Device class according to EN 60601-1:2006+A1:2013+A12:2014+A2:2021+A13:2024	Class II
Applied parts according to EN 60601-1:2006+A1:2013+A12:2014+A2:2021+A13:2024	Type B
Degree of protection (EN 60529:1991+A2:2013)	IP40 (casing protected against solids larger than 1mm and against access by a wire, but not protected against the ingress of liquids)
Mode of work	Continuous
Lifetime	5 years

Wi-Fi TRANSMISSION FEATURES

Wi-Fi standard	IEEE 802.11 b/g/n
Wi-Fi Wireless Transmission Distance	Up to 5m
Photo and Video Resolution	1.3MPixel – 320(H)x240(V), 640(H)x 480(V), 1280(H)x1024(V)
Frame Rate	15fps – 1280x1024, 30fps – 640x480, 320x240
Wi-Fi Transmit 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 Range	2.400÷2.4835GHz
Power Consumption	Max 2.5W
Frame Rate	10÷30fps

USB FEATURES

Photo and Video Resolution	1.3Mpixel—1280x1024, 640x480, 320x240
Frame Rate	10÷30fps
Image Format	.bmp, .jpg
PC interface	USB 2. 0
USB cable	YES

CAMERA FEATURES

Camera	Color CMOS Camera
Sensor	CMOS
Optic	Exposure: auto Gamma: auto White balance: auto Reference: auto

SOFTWARE

Mic-Fi MED per Windows

Mic-Fi per MAC



APP

Mic-Fi Medical per iOS Tablet

Mic-Fi per iOS Smartphone

Mic-Fi Med per Android Tablet & Smartphone

PACKAGE:

- n. 1 Mic-Fi Camera
- n. 1 USB AC Adapter 5.0V/1A,
- n. 1 USB key with Mic-Fi Software and user manual,
- n. 1 quick guide,
- n. 1 Ruler,
- n. 1 Ring 5mm
- Printed user manual