

**Wi-Fi – USB Digital DENTALSCOPE**  
**MDR 2017/745/UE – Medical Device Class I**

Code: **FEDMEDMICFIDE**



FEDMEDMICFIDE is a very innovative handheld color digital DENTALSCOPE with Wi-Fi or USB transmission. It is small, easy to operate light and portable.

Magnification 10x~120x

Main applications:

→ **Odontology**

**GENERAL FEATURES**

Operating System	Windows, OS X, IOS, Android
Battery	Li-ion, Continuous working time appx. 2 hours
Alimentatore	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+A1:2012	Class II
Applied parts according to EN 60601-1:2006+A1:2012	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	<b>5 years</b>

**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	15fps (1280x1024), 30fps(640x480), 320x240
Image Format	.bmp, .jpg
PC interface	USB 2. 0
Mini USB cable	1.2m

### DENTALSCOPE FEATURES

Magnification	10x~120x
Object distance	1~160mm
Focus Range	8mm ~ 160mm
LED	8 White leds adjustable
Lens	High Definition Microscopy Lens
Dimensions	36mm x 142mm
Weight	88g

### CAMERA FEATURES

Camera	Color CMOS Camera
Sensor	1/4" 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 Dentscope with USB cable,
- n. 1 USB AC Adapter 5.0V/1A,
- n. 1 CD Mic-Fi Software and user manual,
- n. 1 quick guide,
- n. 1 Ruler,
- n. 1 Holder