

Wi-Fi – USB Digital POLARISED DERMATOSCOPE + SW DERMA
MDR 2017/745/UE – Medical Device Class I

Code: FEDMEDMICFIPSWD



FEDMEDMICFIPSWD with polarized filter is a very innovative handheld color digital DERMATOSCOPE with USB & Wi-Fi connection/transmission. Magnification: ~5x÷200x

Magnification to contact:

~60x and 200x with 7mm spacer ring or closed cap

~30x with long transparent spacer

Main applications:

→Dermatology (skin & scalp)

GENERAL FEATURES

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|--|---|
| 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+A1:2013+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

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|--------------------------------------|---|
| 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

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

DERMATOSCOPE FEATURES

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|---------------|--|
| Magnification | 5x÷200x |
| LED | 8 White leds adjustable + POLARISED FILTER |
| Lens | High Definition Microscopy Lens |
| Dimensions | 36mm x 142mm |
| Weight | 88g |

CAMERA FEATURES

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|--------|---|
| Camera | Color CMOS Camera |
| Sensor | 1/4" CMOS |
| Optic | Exposure: auto Gamma: auto White balance: auto Reference: auto |

SOFTWARE

Mic-Fi DERMA per Windows & MAC

Features: capture photos, data base patients, selection of the point where the analysis is carried out, comparison of the images, history and reporting (GB & IT languages for Win and GB for MAC)



APP

Mic-Fi Medical per iOS Tablet

Mic-Fi per iOS Smartphone

Mic-Fi Med Plus per Android Tablet & Smartphone

PACKAGE:

- n. 1 Mic-Fi Dermatoscope,
- n. 1 USB AC Adapter 5.0V/1A,
- n. 1 USB-C cable,
- n. 1 USB key with Mic-Fi Software and user manual,
- n. 1 quick guide,
- n. 1 Ruler,
- n. 1 Spacer 3cm,
- n. 1 Closed cap,
- Printed user manual
- n. 1 Bag L + 1 Bag S
- n. 1 USB Foot pedal