

**Fasm:edo**<sup>®</sup>  
Medical Originality

WIRELESS MEDICAM + LEDLIGHT

**FM-105**

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# FASMEDO WIRELESS MEDICAM + LEDLIGHT FM-105



**APPLICATION FIELDS : DENTAL MEDICINE, AESTHETIC MEDICINE, SURGERY**  
**APPLICATION INSTITUTIONS : HOSPITALS, CLINICS, MEDICAL UNIVERSITIES**

## Description

- Record medical procedures with video and audio
- Snapshot particular medical actions
- Live broadcast medical procedures (iOS & Windows Apps)
- Selective model magnification ranges :  
FM-105RS (6x, 3x, 2x) : 10.000 ~ 5.000 Lux  
FM-105HS (6x, 3x, 2x) : 25.000 ~ 7.000 Lux
- Instant autofocus range: 5cm - infinity
- Wi-Fi connection o PC/Smartphone/Tablet
- Wireless BT pedal supported
- 128GB internal storage
- Support Apps for preview and setup: iOS (9.0 or above), Windows 10 (64-bit)
- Support Lite Apps for preview and setup without live broadcasting: Android (7.0 or above)
- High performance LED head light
  - 10,000 Lux homogeneous, rendering true colors
  - Long working time up o 5 hours
  - Lightweight and durable exclusive aluminum housing

## Product Specifications

Camera Specifications	
Image Sensor	• 4M pixels
Lens	• Effective Focal Length (E.F.L.): f 8.5 mm, F number: F 6.8
Focus	• Autofocus (5cm ~ Infinity) • Manual focus (5cm ~ 200cm)
Magnification Ratio	• FM-105RS/HS (6x, 3x, 2x)
Working Hours:	• 3 to 5 hours
Hinge angle	• Vertical – Front hinge: up 40° / down 25°, Second hinge: up 40° / down 55°
Ledlight Specifications	
Illuminance	3 Levels: 10,000 Lux / 7,500 Lux / 5,000 Lux - FM-105RS 3 Levels: 25,000 Lux / 15,000 Lux / 7,000 Lux - FM-105HS
Color Temperature	• 5500K
CRI	• > 75
Light Field Diameter	• 100mm at 300mm working distance
Wireless LAN Specifications	
Wi-Fi	• 802.11 b/g/n
Frequency Range	• 2.4GHz to 2.4835 GHz
Antenna type	• Internal antenna, 1Tx1R
Bluetooth	• BT 4.0 (LE)
System Specifications	
Internal Storage	• 128 GB
Recording Video Resolution	• FHD 1080P 30FPS • HD 720P 30FPS
File formats recorded	• *.mp4
Video formats recorded	• Video: H.264, Audio: AAC
Ports/Buttons	• Camera power button • Headlight power button • Start/Stop recording & snapshot button • USB Type-C connector for charging
Status Display	• Camera status indicator: R/G/B 3-colors LED • Headlight status indicator: Orange color LED
Battery	• 3350mAh, removable 3.7V Li-ion 18650
Environmental Condition	• Operating temperature: 0°C ~ 40°C • Storage temperature: -10°C ~ 60°C
Dimension	• L: 360mm, H: 100mm, W: 150mm
Weight	• 250g

