



#### THE SYSTEM IS MADE OF

- An HD Wi-Fi/USB video unit with C-mount allowing acquisition and digitalization of images taken with tablet, smartphone and PC through dedicated App and Software.
- An F15-25 C-mount lenses with quick-clutch connection.
- A C-mount spacer ring.
- Software Micro Rectocam Wi Fi for Windows

Acquisition and storage of images and videos during a diagnostic and surgical activity is a practice which became more and more popular in the last few years. Thanks to the development of dedicated technologies, it is now an operative standard the possibility to examine the pathological situation of a single patient and to evaluate the most suitable therapeutic approach, deliberating with department colleagues or with specialized centers elsewhere. At the same time, production of scientific evidences intended not only for the research or for the didactics but also for the elaboration of medical/legal support made the presence of advance IT video instruments extremely necessary.

With this mind, **Micro Rectocam Wi-Fi** is a portable digital system for HD video magnifying whose technical and ergonomic have been optimized for its usage in the medical field and in particular, for the study of the anal-rectal mucosa in procedures like HRA (High Resolution Anoscopy). But this is not it. Its compact dimensions, the possibility to visualize images on a smartphone through a dedicated free app and the highly reduced costs, make Micro Rectocam Wi-Fi a solution available to all the specialists willing to offer a complete service to their patients, anytime.

For its usage in Proctology (for examples HRA), the system can be connected to Sapi Med anosscopes through their specific single use adapter equipped with openings on the flange allowing trans-endoscopic devices (like biopsy forceps) to be inserted in without the necessity to unhook the camera body and observing the maneuvers on the display/screen of smartphone, tablet or PC. A specific single use adapter is available also for usage with Sapi Med proctoscopes and rectoscopes. Single use adapters allow to fit all Sapi Med standard anosscopes or Self-LED-light (recommended) and all those Sapi Med proctoscopes/rectoscopes with handle REF A.4131 up to 20 cm long.

#### COMPATIBLE SINGLE USE ADAPTERS

- REF A.4001 for Sapi Med anosscopes
- REF A.4002 for Sapi Med proctoscopes/rectoscopes

#### HRA: RECOMMENDED SINGLE USE INSTRUMENTS

- Sapi Med specific anoscope, REF A.4026 or A.4026L
- Single use biopsy forceps with thumb-ring handle REF F. STE1500 or in alternative single use biopsy forceps with surgery handle REF F:STE1512

### VIDEO UNIT TECHNICAL FEATURES

#### VIDEO UNIT

Camera	Color CMOS Camera
Sensor	1/4" Imax CMOS
Image quality	High definition
Lenses and pace	C-CS mount CCTV lens
Optic	Gamma correction: Auto Exposure: Auto White balance: Auto Anti-vibration: Auto Defects identification: Auto Color saturation: Auto
Photo trigger	Yes
Dimensions	36 mm (diametre) x 75 mm (length)

#### WI-FI

Wi-Fi standard	IEE 802.11 b/g/n
Transmission distance	≥ 5 m
Video resolution	1.3 MP: 320(H) x 240(V); 640(H) x 480(V); 1280(H) x 1024(V)
Frequency	2.400 ~ 2.4835GHz
Lithium battery	More than two hours at full usage
Power supply	5V/1A or USB (Only use power supplies in compliance with existing regulations)
Operative systems	IOS/Android/Windows/Mac

#### USB

Interface	USB 2.0
Resolution	1.3 MP: 320(H) x 240(V); 640(H) x 480(V); 1280(H) x 1024(V)
Operative systems	Mac/Windows
Mini USB cable	3 m

#### SOFTWARE

Compatible softwares	<ul style="list-style-type: none"> <li>• Software Micro Rectocam Wi-Fi: Windows</li> <li>• Software Mic-Fi: Windows / Mac</li> </ul>
Software functionality	<ul style="list-style-type: none"> <li>• Mic-Fi for Windows / Mac: Photo and video acquisition; measurement and calibration</li> <li>• Software Micro Rectocam Wi-Fi for Windows: Photo and video acquisition; measurement and calibration; medical report</li> </ul>

#### APP

Compatible apps	<ul style="list-style-type: none"> <li>• Mic-Fi for iOS Smartphone</li> <li>• Mic-Fi Medical for iOS Tablet</li> <li>• Mic-Fi Med for Android Smartphone and Tablet</li> </ul>
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