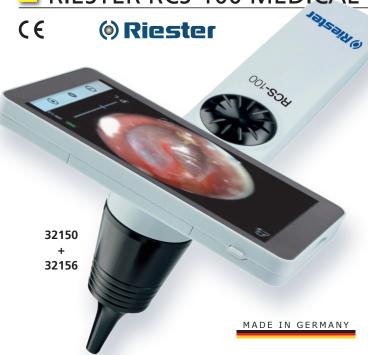
RIESTER RCS-100 MEDICAL DIAGNOSTIC CAMERA SYSTEM





Portable and versatile digital diagnostic camera Multiple lens attachments. enabling instant sharing

• 32150 RIESTER RCS-100 WIRELESS MEDICAL CAMERA **SYSTEM** - without lens

RCS-100 is a multi-functional, portable and versatile medical diagnostic camera system that allows the user to quickly and efficiently capture and share images and videos to improve diagnosis, monitoring, treatment and patient care. It provides the additional benefit of capturing and sharing the digital photograph or video of the ear canal and tympanic membrane, epidermis and dermis of skin, respectively. RCS-100 can be used with: general lens, otoscope lens, dermatoscope lens and endoscope adapters. Features:

- -5"full HD colour TFT-LCD display 1.280 x 720 pixels provides high resolution, scalable images with 2x - 8x magnification and digital zoom capabilities
- -easy to use touch screen makes it quick to capture images and videos
- -rotary wheel for one-handed operation minimises the risk of cross contamination as well as the capability to adjust focus and light intensity
- simple lens connection makes changing fast and easy
- li-ion battery offers 3.5 hours of operating time
- improved communication in remote areas
- images and videos can support medical notes allowing consistent monitoring of patient
- USB connection to transfer files to PC and for charging
- UVC function allows live picture display on a second screen, so the user can show what they can see and explain in real time
- Wifi connection

Multilingual manual: GB, FR, IT, ES, DE.

ENDOSCOPE ADAPTER compatible with

C-mount standard





GIMA code	Riester code	RCS-100 ACCESSORIES
32152	13277	Endoscope adapter 4° *
32153	13278	Endoscope adapter 9° *
32154	13270	Dermatoscope lens
32155	13271	General lens
32156	13272	Otoscope lens
32158	10801-532	Disposable ear speculum Ø 2 mm - box of 10
32159	10801-534	Disposable ear speculum Ø 4 mm - box of 10

DERMATOSCOPE LENS with digital ruler for measurements 32154



TECHNICAL SPECIFICATIONS

Focus: CMOS pixels: Image/video format:

Rom: Extend Memory: Battery: Operating time:

Device

Display:

Charging time: Adaptor:

USB:

Size - weight: *Endoscope adapter Compatibility:

Quick coupling:

Dermatoscope lens Focal length/width: Polarization: Field of view:

TFT-LCD 5.0" touch screen dispaly, 1280x720 pixels with 2x-8x magnification and digital zoom automatic/manual 8 MP

picture: JPEG, video: MP4 . 2G LPDDR3 16GB 16G wifi SD card

3.6V 2600mAH 18650 li-battery video 3.5 hours (fully charged battery)

3 hours input 100~240V 50~60Hz 0.3A output DC 5V/2A OTG and type-C USB 225x135xh 45 mm - 292g

Compatible with flexible and rigid endoscopes with diameters from 2.7mm to 10mm (two versions planned, one optimized for optics between 2.7-4mm and one for 4-10mm) from a broad range of leading manufacturers based on C-mount standard (e.g. Wolf, Storz, Olympus,

Adapter can be attached to RCS-100 and a C-Mount endoscope quickly and it's ready to use

dermis / epidermis 30mm Ø

Object Distance: Magnification

Photography source: LED color temperature: Size - weight: General lens Focal length/width: Field angle: Depth of field scope: Lighting source: Magnification

LED colour temperance: Size - weight: Otoscope lens Focal length/width: Field of view:

Max object distance: Depth of field scope: Lighting source: Magnification: LED colour temperance: Size - weight:

0 mm optical: 2x digital: 4x dispalyed: 2x-8x natural light LED 62.1x62.1x36 mm - 108.5 g

2.0 78° 30mm ~ 4m natural light LED optical: 2x digital: 4x 5500k

60.5x 60.5x19.0 mm - 66.4 g

12mm Ø field of view at 25mm distance from viewing object (with 4mm specula size) 9mm Ø field of view at 15mm distance from viewing object (with 4mm specula size) 8mm Ø field of view at 10mm distance from viewing object (with 4mm specula size) 15mm, at max object distance FOC Ø: 15mm 10mm

natural light LED display: 6x

73.5x40.0x40.0 mm - 96 g