

RIESTER RCS-100 MEDICAL DIAGNOSTIC CAMERA SYSTEM



32150
+
32156

MADE IN GERMANY



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



32152

GENERAL IMAGING LENS



32155

DERMATOSCOPE LENS
with digital ruler for measurements



32154

OTOSCOPE LENS
with pneumatic otoscopy port



32156

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

TECHNICAL SPECIFICATIONS

Device		Object Distance:	0 mm
Display:	TFT-LCD 5.0" touch screen display, 1280x720 pixels with 2x-8x magnification and digital zoom automatic/manual	Magnification	optical: 2x digital: 4x displayed: 2x-8x
Focus:	8 MP	Photography source:	natural light LED
CMOS pixels:	picture: JPEG, video: MP4	LED color temperature:	4000k
Image/video format:	2G LPDDR3	Size - weight:	62.1x62.1x36 mm - 108.5 g
RAM:	16GB	General lens	
Rom:	16G wifi SD card	Focal length/width:	2.0
Extend Memory:	3.6V 2600mAh 18650 li-battery	Field angle:	78°
Battery:	video 3.5 hours (fully charged battery)	Depth of field scope:	30mm ~ 4m
Operating time:	3 hours	Lighting source:	natural light LED
Charging time:	input 100~240V 50~60Hz 0.3A	Magnification	optical: 2x digital: 4x
Adaptor:	output DC 5V/2A OTG and type-C USB	LED colour temperature:	5500k
USB:	225x135x45 mm - 292g	Size - weight:	60.5x 60.5x19.0 mm - 66.4 g
Size - weight:		Otoscope lens	
*Endoscope adapter		Focal length/width:	2.9
Compatibility:	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, Scholly)	Field of view:	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)
Quick coupling:	Adapter can be attached to RCS-100 and a C-Mount endoscope quickly and it's ready to use	Max object distance:	15mm, at max object distance FOC Ø: 15mm
Dermatoscope lens		Depth of field scope:	10mm
Focal length/width:	2.2	Lighting source:	natural light LED
Polarization:	dermis / epidermis	Magnification:	display: 6x
Field of view:	30mm Ø	LED colour temperature:	4000 K
		Size - weight:	73.5x40.0x40.0 mm - 96 g