



RCS-100

Medical Camera System



The Riester **RCS-100** is a portable and versatile digital diagnostic camera. **RCS-100** features multiple interchangeable lens attachments and accessories and enables fast sharing across your practice and across the world.

RCS-100 Empowering Telemedicine

Improving access, diagnosis, treatment and efficiency while minimizing risk of infection, telemedicine is proving to be an effective solution. The need for accurate, detailed images, with the ability to increase communication has never been greater.



The Riester **RCS-100** is a multi-functional medical camera system that allows you to quickly and efficiently capture and share images to improve communication, diagnosis, treatment and patient care.



Improved Communication

- › 8 MP true HD camera provides high resolution images to easily share
- › Live video modes allow for interactive diagnosis and treatment
- › Improve quality of care in remote areas connecting health care professionals from around the world
- › Software available in 8 x different languages



Versatility for your Specialty

- › Specialized lenses designed for general practice, ENT, dermatology, and two endoscopy adapters that are compatible to a variety of endoscope
- › 2x - 6x Otoscope, 2x - 8x Dermatoscope magnification with interactive digital zoom capabilities
- › Visible white LED that delivers accurate color



Features You Need

- › Large 5" touchscreen with intuitive interface for easy image capture and management
- › Ergonomic, one hand design with easy to use rotary wheel
- › Li-ion battery offers 3.5 hours of operating time in video mode
- › White balance features and adjustable brightness
- › Manual or automatic focus

Share Images Across Your Practice Or Across The World



Riester is committed to innovating the future of healthcare, and the **RCS-100** is no exception. Standalone or as part of a telemedicine system, the **RCS-100** has already achieved amazing success due to its wide scope of use.

The **RCS-100**'s imaging capabilities and specialized lenses give doctors the ability to document recovery progress for common ailments like wound care, while also connecting them to teams of doctors for more difficult diagnoses.

Optimised for Telemedicine use

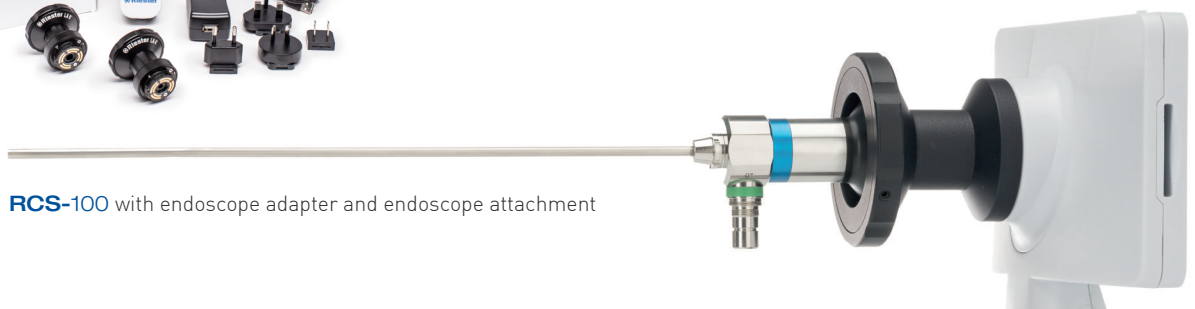
- ▶ Remote consultations
- ▶ Tele-specialty
- ▶ Telemedicine stations and mobile units
- ▶ Homecare
- ▶ Tele-education
- ▶ OEM / VARs (Value Added Resellers)



Case for **RCS-100**



RCS-100 with endoscope adapter and endoscope attachment



**A Versatile, Multi-Functional Medical Camera System
Designed For Your Digital Imaging Needs**

LENS DESIGNED FOR YOUR APPLICATIONS



OTOSCOPE LENS

Enhanced view of auditory canal

No. 13272



DERMATOSCOPE LENS

Accurate identification and measurement of skin lesions

No. 13270



GENERAL LENS

Visible white LED light

No. 13271



ENDOSCOPE ADAPTER

No. 13277 - 4 ° Adapter

No. 13278 - 9 ° Adapter

Size & Weight	73.5 mm x 40.0 mm x 40.0 mm & 96 g
F/#	2.9
Max object distance	15 mm, at max object distance FOV diameter: 15 mm
Depth of field scope	10 mm
Lighting source	Natural light LED
LED color temperature	4000 K
Size & Weight	62.1 mm x 62.1 mm x 36.0 mm & 108.5 g
F/#	2.2
Object distance	0 mm
Field of view	Ø 30 mm
Optical magnification	2.5 x
Digital magnification	4 x
Photography Source	Natural light LED
LED color temperature	4000 K
Size & Weight	60.5 mm x 60.5 mm x 19.0 mm & 66.4 g
F/#	2.0
Field angle	78 °
Object distance	30 mm - 4 m
Lighting source	Natural light LED
LED color temperature	5500 K
Compatibility	Compatible with a broad range of endoscopes of leading manufacturers based on DIN ocular standard (e.g. Wolf, Storz, Olympus, Schöolly)
Quick coupling	Optional

PRODUCT SPECIFICATIONS

Size	225 mm x 135 mm x 45 mm	Weight	292.0 g
LCD	5.0 inch touch (110.7 mm x 62.3 mm)	LCD screen resolution	1280 x 720 pixels
Focus	Automatic / Manual		
Image format	JPEG	Video format	MP4
Adapt input	100 - 240 VAC, 50/60 Hz, 0.3 A	Adapt output	5 VDC, 2 A
USB	OTG and type-C USB	Extend memory (optional)	16 GB SD card
RAM	2 GB LPDDR3	ROM	16 GB
CMOS sensor resolution	Total number of pixels: 3296 (H) x 2512 (V) approx. 8.28 M pixels Number of effective pixels: 3296 (H) x 2480 (V) approx. 8.17 M pixels Number of active pixels: 3280 (H) x 2464 (V) approx. 8.08 M pixels		
Battery	3.6 V, 2600 mAh, Li-ion battery (type 18650) Video 3.5 hours (fully charged battery at 25 °C ambient temperature)		

ORDERING INFORMATION

1970-H	RCS-100 basic model, no lenses	10800-532	Reusable ear specula Ø 2.0 mm, pack of 10 pcs.
1970-HXX0	RCS-100 basic model, otoscope lens	10800-533	Reusable ear specula Ø 3.0 mm, pack of 10 pcs.
1970-HDXX	RCS-100 basic model, dermatoscope lens	10800-534	Reusable ear specula Ø 4.0 mm, pack of 10 pcs.
1970-HXGX	RCS-100 basic model, general lens	10800-535	Reusable ear specula Ø 5.0 mm, pack of 10 pcs.
1970-HDGO	RCS-100 basic model, otoscope, dermatoscope and general lens	10801-532	Disposable ear specula Ø 2.0 mm, pack of 100 pcs.
1970-HDGX	RCS-100 basic model, dermatoscope and general lens	10801-533	Disposable ear specula Ø 3.0 mm, pack of 100 pcs.
1970-HXGO	RCS-100 basic model, otoscope and general lens	10801-534	Disposable ear specula Ø 4.0 mm, pack of 100 pcs.
1970-HDX0	RCS-100 basic model, dermatoscope and otoscope lens	10801-535	Disposable ear specula Ø 5.0 mm, pack of 100 pcs.
13270	Dermatoscope lens	10802-532	Disposable ear specula Ø 2.0 mm, pack of 500 pcs.
13271	General lens	10802-533	Disposable ear specula Ø 3.0 mm, pack of 500 pcs.
13272	Otoscope lens	10802-534	Disposable ear specula Ø 4.0 mm, pack of 500 pcs.
13277	4 ° endoscope adapter	10802-535	Disposable ear specula Ø 5.0 mm, pack of 500 pcs.
13278	9 ° endoscope adapter	10803-532	Disposable ear specula Ø 2.0 mm, pack of 1000 pcs.
13274	Case for RCS-100 , black	10803-533	Disposable ear specula Ø 3.0 mm, pack of 1000 pcs.
10725	Li-ion battery (type 18650) for RCS-100	10803-534	Disposable ear specula Ø 4.0 mm, pack of 1000 pcs.
		10803-535	Disposable ear specula Ø 5.0 mm, pack of 1000 pcs.

Please visit riester.de for more information