



Telemedicine Case

Riester Telemedicine Solutions

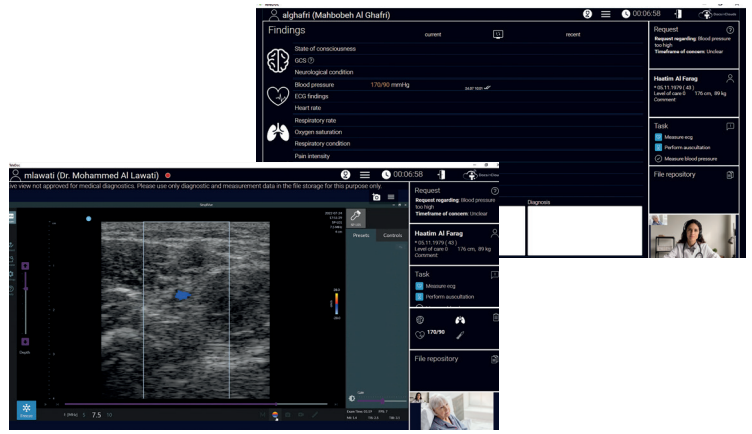


The Riester Telemedicine Case is designed to allow patient assessments to be carried out in selected remote locations. Data can be captured and transferred from a number of medical devices to allow the healthcare provider the ability to treat the patient on site.

How Does it Work?

Combined with the TeleDoc software packages it offers a complete telemedicine platform which can be scaled to help your organisation, allowing you to choose the best possible telehealth solution for your needs

The Case supports the following network possibilities: Ethernet, Wifi, Smartphone Hotspot, SIM-Card.



The **Riester Telemedicine Case** is suitable for many healthcare applications in field medical situations. It scales to fit your evolving telemedicine needs, so you can easily expand the scope of diagnostic medical equipment.

- › Delivers live clinical examinations via a virtual platform
- › Simultaneously capture and share integrated medical device data
- › Enables complete physician mobility

Medical Video: Transmit live medical images and video from your integrated medical scopes and devices

Session Documents: Capture the information gathered during the patient assessment in a format that can be shared or saved into an EMR system

Video Conferencing: Clinician and remote specialist can teleconference, using the built in point-to-point Video Module.

Universal HL7 and EMR Filing: Seamlessly export information collected during a patient session to a single HL7, FHIR based file. The HL7 module eases the integration with your organization's infrastructure by providing a file that can interface with EMR systems. In a single step, information is ready to be stored with the patient's record.

Stethoscope: Easily connect a USB digital stethoscope to stream live heart/lung sounds to the remote physician. When used with our Interactive Stethoscope, it also enables software-based control for filters and volume.

Vital Signs: Allows you to integrate medical data directly from an external vital signs monitor, so you can include and capture this information as part of the exam session, for the physician to review and evaluate.



Innovative medical case for the point of care delivery

Integrated Medical Devices

- RCS-100 (Multipurpose Camera System)
 - › General lens
 - › Otoscope
 - › Dermatoscope
- ri-sonic (Digital Stethoscope)
- PC-303 (Vital Signs Monitor)
- touchECG System HD+12 (ECG)
- GP-C01 (Abdominal Ultrasound Probe)
- SP-L01 (Vascular Ultrasound Probe)

Additional Devices

- LT-303 SD (Colposcope) *
- DEC200 (Ophthalmoscope Camera System) *

Detachable Camera

11.6" Touch-Display, Full HD

Detachable bluetooth speaker

All-in-one Medical Grade Keyboard

USB/HDMI/Ethernet Interfaces

Integrated Battery Pack

* Riester's Telemedicine Case supports add-on devices, including a colposcope and ophthalmoscope camera system.

Integrates with Medical Devices to Capture and Stream Live Clinical Data:

RCS-100

(Multipurpose Camera System)



ri-sonic

(Digital Stethoscope)



PC-303

(Vital Signs Monitor)



touchECG System HD+12

(ECG)



Other Scopes & Devices:

GP-C01

(Abdominal Ultrasound Probe)



SP-L01

(Vascular Ultrasound Probe)



LT-303 SD

(Colposcope)*



DEC200

(Ophthalmoscope Camera System)*



SPECIFICATIONS

Dimensions	Closed (L x W x H): 559 x 356 x 229 mm Opened (L x W x H): 559 x 550 x 530 mm
Weight	Net weight (Basic configuration): 11.7 kg Full (All intended medical devices included): 14.05 kg (RCS-100, GP-C01, PC-303 VSM, touchECG System HD+12, ri-thermo sensioPRO+, ri-sonic)
Monitor/Display	Touch-Display, 29.5 cm (11.6"), Full HD (1920 x 1080)
Wired/Wireless Connectivity	Ethernet (LAN), Wifi/Bluetooth, LTE
Battery	Lithium-ion rechargeable battery, 11.1 V, 9 Ah
Power Supply	100-240 V~, 50-60 Hz, 1.5 A
Connector	USB 2.0 x 3, Audio x 1, HMI, Ethernet
IP-Protection Class	Closed: IP67 Opened: IPXX
Integrate Medical device	RCS-100, ri-sonic, PC-303 VSM, GP-C01, GP-L01, touchECG System HD+12
Additional external device	LT-300 SD, DEC200
Operating conditions	Temperature: 0 to 40 °C Relative humidity: 5 to 95 % (non-condensing) Air pressure: 70 – 106 hPa
Storage and transport conditions	Temperature: -20 to 60 °C Relative humidity: 5 to 95 % (non-condensing) Air pressure: 70 – 106 hPa

MINIMUM SYSTEM REQUIREMENTS**

Remote/Dr. Receive Side:	
Processor:	Core i5 i7 2.0 GHz or better**
Memory:	8 GB
Operating System:	AGNES: Windows (any version), OS X (Mac) DocsinClouds: Windows
Browsers:	Latest Google Chrome
Bandwidth:	Range from 256 Kbps - 2 Mbps, based on modules purchased.
Soundcard:	Realtek sound card (recommended) for use with Stethoscope module.

** Results may vary if using your own video conferencing software or you have other software installed on the PC.

Please visit **riester.de** for more information