

Telemedicine workstation

VIMED® DOC BASIC 3 HD+ is a telemedicine workstation for assistance with diagnostics.

■ Maximum performance at the workplace

- The new generation of telemedicine workstation for assistance with medical diagnostics VIMED® DOC BASIC 3 HD+ can be seamlessly integrated into the clinical workflow environment. The system was designed to fulfill specialist needs of routine clinical work.
- The access to teleconsultations as well as data of the patients can be performed directly from the workstation VIMED® DOC BASIC 3HD+.
- The second display allows simultaneous processing of the case documentation and teleconsultation process in high quality performance.



FULL HD
1080p

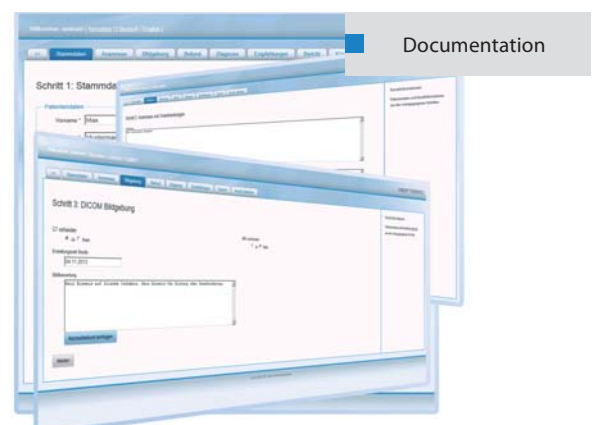


■ Teleconsultation in Full-HD

- Using the powerful audio and video technologies a good sound and picture quality at low bandwidths is guaranteed between similar systems. However, the video and data communication in Full HD quality requires adequate connection speed on both endpoints.
- High resolution robotic PTZ camera provides excellence pictures in Full HD quality with 1080p and 60 fps.
- VIMED® DOC BASIC 3 HD+ is equipped with an advanced 3D audio system. It ensures good sound and speech quality; especially in rooms with poor acoustics. A special microphone arrangement detects the range between active sound sources automatically and allows hand-free talking even in large rooms.

■ Management of teleconsultation's processes

- VIMED® DOC BASIC 3 HD+ makes effective control of all teleconsultation processes via teleconsultation software VIMED® COMM possible.
- Intuitive operation interface of VIMED® COMM helped by customized setting of the major features of teleconsultation, e.g. address book management, volume, microphone, camera, documentation and data presentation.
- Web-based medical case documentation can be retrieved and processed during the teleconsultation by a simple push of the button.



Technical data

Processor	Intel® Atom™ Quad Core
RAM	4 GB
Hard Disc	128 GB SSD
Network	GBLAN (RJ-45); galvanic isolation for electrical medical devices and systems in accordance to DIN EN 60601-1-1
Ports	USB 2.0 and 3.0, DVI
Input devices	Keyboard, optical mouse
CD/DVD optical drive	Reading and writing of CD / DVD / DVD RAM data media

Video specifications

Hardware	2 simultaneous 1080p/60 fps video channels for live video and content
Connection speed	H.323: 64 Kbps – 6 Mbps
Video standards	H.263, H.263+/++, H.264 High Profile u. SVC
Supported video resolution	HD 1080/720, 4CIF, CIF, Interlaced CIF, SIF, QCIF, VGA
Refresh rate	up to 60 fps (HD)

Camera

Resolution	1080p 60 fps
Objective	AF, 40 x Zoom, 10 x optical
Control	Pan & Tilt function

Monitor

Diagonal	54,8 cm (21,5 Zoll)
Active display size (WxH)	474 x 269 mm
Ideal resolution	1920 x 1080 pixel
Display colors	16,7 Mio.
Maximum brightness	250 cd/m ²
Viewing angles (H/V, typical)	178° / 178°

Audio specifications

Audio standards	AAC-LD, G.711, G. 722, G.722.1, G.723.1, G.728, G.729
Audio features	Full duplex echo cancellation, Automatic noise suppression, Automatic Gain Control, Voice Activity Detection
Loud speakers	Loudspeakers system with 360° coverage area
Microphone	Boundary microphone array

General information

Weight	21 kg
Operating temperature/ Storage	+5° C ... +40° C / -10° C ... + 60° C
Humidity	10% ... 80%, non-condensed
Power supply	AC 220-240 V, 50/60 Hz, max. 300W, IP 20, in accordance to DIN EN 60601-1 / 60601-1-2

VIMED® DOC BASIC 3 HD+ is a telemedicine system of MEYTEC GmbH Informationssysteme from the system family VIMED®

Last update: May 2016. All data without guarantee. Changes and mistakes reserve.
All previous data sheets are invalid.

Competence for Telemedicine and Medical Technology

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