

A portable workstation for telemedicine applications

VIMED® MOBIL 3 is a highperformance, lightweight laptop for operation in and outside of the hospital.

VIMED® MOBIL 3 is a portable telemedicine workstation with Intel® Core QM Prozessor of the newest generation and Solid-State-Drive Laufwerk (SSD). The communication with data is possible via WiFi, Bluetooth as well as via the latest mobile technology Long Term Evolution (LTE).



VIMED® MOBIL 3 is especially designed for operation of telemedicine applications in real-time mode, e.g. telediagnostic, teletherapy, second opinion and case conferences as well as audiovisual communication between doctor-to-patient or doctor-to-doctor providing an good image and sound quality.

Main features of VIMED® MOBIL 3

- Portable telemedicine system
- Sophisticated component's materials
- High-quality design and magnesium alloy case
- Security by biometrical fingerprint sensor
- SSD hard discs for portable use
- Splash water resistant keyboard
- Two integrated digital microphones



Communication

- Medical video communication and image review
- Communication via 3G/4G broadband mobile network and WiFi per IEEE 802.11n technology
- Real time audiovisual communication between doctor and patient
- Full deployment in broadband 3G/4G network and WiFi network with special SIM card only
- Telediagnosics
- Second opinion and emergency support

Equipped with appropriate software VIMED® MOBILE 3 can send and receive DICOM-files as well as provide access to RIS and/or PACS systems. The integrated module allows broadband communication with the highest data performance.

Technical Data

Processor	Intel® Core i5 QM Prozessor / up to 2,8 GHz
Memory	8 GB DDR3
Graphic controller	Mobile Intel® HD 4000 integrated HD graphics
Display	39,6 cm (15,6 ") FHD 1920 x 1080 LED matt, with FHD Conf-Cam
Hard disk	256 GB SSD SATA III
Optical drive	DVD RW Super Multi LW
Network	LAN10/100/1000, WLAN abgn, LTE backwards compatible with UMTS (without contract, without SIM Card)
Bluetooth	
Connectors	2 x USB 2.0 2 x USB 3.0 S-Video, VGA, Docking Line
Input devices	Portreplikator with AC Adapter Spill-resistant keyboard Touchpad, Fingerprint
Software equipment	Microsoft® Windows® 10 Professional 64bit Microsoft® Office 2016 Home & Business Drivers & Utility DVD VIMED® COMM 10
Security	AVIRA Pro
Reserve	Second slot for battery or second hard disk

Video Spezifikationen

Connection speed	H.323: 64 Kbp/s – 4 Mbp/s
Video-Standards	H.261, H.263, H.263+/++ H.264 (bis 1024 Kbps out going)
Supported video resolutions	4 CIF, CIF, SIF, QCIF, QVGA, VGA, 720p
Data	Support for H.239
Network specification	ITU-T: H.323 v4.2 H.281 Annex Q (FECC) H.323 QoS Feature Encrypted conferences according to H.235 (AES) possible LDAP-Support
Camera	FHD Conf-Cam
Monitor	15,6" HD, LED / 1920 x 1080 Pixel, mat Display

Audio Spezifikationen

Audio-Standards	G.711, G.722, G.722.1, G.723.1, G.728, G.729 AAC-LD
Audio-Features	Full duplex echo cancellation Automatic noise suppression (ANS) Automatic Gain Control Dynamic Noise Reduction
Audio-Input/-Output	Voice Activity Detection (VAD) Loudspeaker 2 microphones with noise reduction and echo cancellation Earphones

General Information

Power supply / battery	AC/DC Adapter 19V (80 Watt) 100-240 V, 50 - 60 Hz Lithium-Ion Akku Pack, 6700 mAh / Battery life up to 18h with second Akku
Dimensions	Width: 372 mm Depth: 245 mm Height: 35 mm
Weight	about 2,4 kg
Operating Temperature	5° C ~ 35° C
Humidity	20 % ~ 85 % / non condensing

VIMED® MOBIL 3 is a telemedicine system of MEYTEC GmbH Informationssysteme from the system family VIMED®

Last update: December 2017. All data without guarantee. Changes and mistakes reserve. All previous data sheets are invalid.
Please note: Pictures may differ from the original.

Competence for Telemedicine and Medical Technology

MEYTEC GmbH
Informationssysteme

Akazienstr. 13
16356 Werneuchen

Phone +49 (0) 33398 – 78 200
Fax +49 (0) 33398 – 78 299

info@meytec.com
www.meytec.com

