

» Specifications

Dyna-Vision™ device

Dimensions:	115 x 59 x 26 mm
Weight:	200 gram
Power:	Internal rechargeable battery
Operation time:	15 hrs real-time 3G - 24 hrs real-time WiFi
Power cons.:	200 mAh (Wi-Fi) - 300 mAh (3G)
Charger:	USB charger
Charging time:	6 hours
LCD:	128x64 pixels Passive matrix (1.3")
Controls:	Ruggedized foil with integrated buttons
Color:	Monochrome White Color
Storage:	8 GB embedded micro SD card
IP classification:	IP22

Wi-Fi

Type:	2.4 GHz IEEE 802.11 b/g transceiver
Frequency:	2.402 to 2.480 MHz
Encryption:	WEP 128-bit/WPA-PSK/ WPA2-PSK
WPA2-PSK:	Wi-Fi Alliance certified

Cellular modem

Frequency:	800-850-900-1900-2100 MHz 900-1800 MHz
Certificates:	R&TTE/FCC/GCF/PTCRB /UL/IC/CE, RoHS and WEEE compliant
SIM card:	Installed by manufacturer GPS and GLONASS

USB

Type:	2.0
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ECG

Leads:	3, 5 or 12 (I, II, III, AVR, AVL, AVF, VL-V6)
ECG cable:	lead wires / ECG Patch cable
Sample rate:	200-400-800-1,000 Hz
Rate accuracy:	+/- 2 bpm

Respiration

Principle:	Impedance pneumography
Resp. range:	3 to 120 breaths/min
Resp. source:	ECG signal
Resolution:	5 seconds

SpO2

Range:	0-100%
Type:	Infrared 910 nanometers @ 3mW
SpO2 accuracy:	70-100% - +/- 2.0 digits Arms
Peak detection	Automatic

Temperature

Type:	Skin thermistor
Sample rate:	1 Hz
Accuracy:	+/- 0.2 °Celcius

Blood pressure *

Type:	Pulse Wave Transit Time
Sample rate:	100 Hz
Trend resolution:	5 seconds
Calibration:	Software by manual input

