

UbiqVue™ 2A Multiparameter System

Wireless. Disposable. Active
 Patient Monitoring with SpO₂



Featuring the all-in-one, chest-worn UbiqVue 2A Biosensor, patients can move freely within a hospital or home setting. Their biodata are continuously captured and transmitted in near real-time*, generating a total of twelve monitored parameters including SpO₂, body temperature, and ECG.

World's first single-use wireless Biosensor with SpO₂

Disposable & Affordable

Water resistant, single use Biosensors with up to five day wear duration

Multiparameter Data

SpO₂, ECG and core biodata incorporated into a single wireless Biosensor

Human Factor Design













Minimal skin preparation required, high patient comfort, convenience and mobility

Reliable and Secure

HIPAA & GDPR compliant encrypted data transfer

Clinical-grade Accuracy

Proven reliability, accuracy, and usability that meet international regulatory requirements

-  SpO₂
-  2-channel ECG
-  PPG Waveform
-  Heart Rate
-  Pulse Rate
-  Respiration Rate
-  Temperature (Body & Skin)
-  Posture & Motion
-  R-R Interval
-  Heart Rate Variability
-  Event Recorder
-  Up to 5 day wear duration



Specification

| | | | |
|---------------------------------|--|--|---|
| Product Codes | System - UX2550, UX2550-I3. Biosensor - UB2550. | | |
| Wireless & Security | WLAN (IEEE 802.11b) 2.400-2.4835 GHz WPA2 - PSK/ CCMP security 5m (typical) CCK and DSSS | BLE 5.2 2.400-2.4835 GHz AES-CCM 128-bit Encryption 5m (typical) FSK | MBAN 2483.5 to 2500 MHz (EU) 2360 to 2400 MHz (US) WPA2-PSK / CCMP security 8m (line of sight). CCK and DSSS |
| SpO₂ | 100% to 70% Spectral Sensor | | |
| ECG | 2 channels 16 bit resolution Monitoring mode : 0.2 Hz to 40 Hz (with 244.14 samples per second) Diagnostic mode : 0.05 Hz to 150 Hz (with 976.56 samples per second) Patient activated event recorder | | |
| Heart Rate | 30 – 250 bpm | | |
| Pulse Rate | 30 – 250 bpm | | |
| Respiration Rate | 6-60 breaths per minute range | | |
| Temperature | 32°C to 43°C (Body temperature) | 15°C to 43°C (Skin temperature) | |
| Posture & Ambulation | 3-Axis (digital) Posture: Supine, Prone, Lying – Left/Right, Reclining, Recline Left/Right, Leaning Forward, Upright, Upside down Motion: No Body Motion, Mild Body Motion, Moderate Body Motion, Severe Body Motion | | |
| R-R Interval | 240 ms - 2000 ms | | |
| Heart Rate Variability | SDNN: 1 min to <5 min, 5 min to <24 hr, ≥24 hr SDANN: ≥5 min RMSSD: 1 min to <5 min, ≥5 min | | |
| Physical | 116 mm x 91 mm x 17 mm 35g IP24 water ingress protection 12 hours memory cache | | |
| Battery | Lithium Manganese dioxide Li-MnO ₂ Up to 5 days battery life Defibrillation-proof type CF applied part | | |
| Usage | Single use, disposable for Home and Healthcare Settings | | |

For more information visit www.lifesignals.com

