

# UbiqVue™ 2A Multiparameter System

Wireless. Disposable. Active  
 Patient Monitoring with SpO<sub>2</sub>



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<sup>1</sup>, generating a total of twelve monitored parameters including SpO<sub>2</sub>, body temperature, and ECG.

**World's first single-use  
 wireless Biosensor with SpO<sub>2</sub>**

## Disposable & Affordable

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

## Multiparameter Data

SpO<sub>2</sub>, ECG and core biodata enabled by 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

-  **SpO<sub>2</sub><sup>2</sup>**
-  **2-channel ECG<sup>2</sup>**
-  **PPG Waveform<sup>2</sup>**
-  **Heart Rate<sup>2</sup>**
-  **Pulse Rate<sup>2</sup>**
-  **Respiration Rate<sup>2</sup>**
-  **Temperature (Body & Skin)<sup>2</sup>**
-  **Posture & Motion<sup>2</sup>**
-  **R-R Interval<sup>2</sup>**
-  **Heart Rate Variability<sup>2</sup>**
-  **Event Recorder**
-  **Up to 5 day wear duration**

# UbiqVue™ 2A Multiparameter System

## Key Specifications

### Biosensor

<b>Product Codes</b>	System - UX2550. Biosensor - UB2550.	
<b>Wireless &amp; Security</b>	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
<b>Physical</b>	116 mm x 91 mm x 17 mm 35g IP24 water ingress protection 12 hours memory cache Patient activated event recorder	
<b>Battery</b>	Lithium Manganese dioxide Li-MnO <sub>2</sub> Up to 5 days battery life Defibrillation-proof type CF applied part	
<b>Usage</b>	Single use, disposable for home and healthcare settings	

### Cloud-Processed Clinical Data

<b>SpO<sub>2</sub></b>	100% to 70% Spectral Sensor	
<b>Pulse Rate</b>	30 – 250 bpm	
<b>ECG</b>	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)	
<b>Heart Rate</b>	30 – 250 bpm	
<b>Respiration Rate</b>	6-60 breaths per minute range	
<b>Temperature</b>	32°C to 43°C (Body temperature)	15°C to 43°C (Skin temperature)
<b>Posture &amp; Ambulation</b>	3-Axis (digital) Posture: Supine, Prone, Lying – Left/Right, Reclining, Recline Left/Right, Leaning Forward, Upright, Upside down Motion: Sedentary, Mild, Moderate, Vigorous	
<b>R-R Interval</b>	240 ms - 2000 ms	
<b>Heart Rate Variability</b>	SDNN, SDANN, RMSSD	

**For more information visit [www.lifesignals.com](http://www.lifesignals.com)**



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UX2550

1. Latency of less than 10 seconds with internet connectivity.
  2. Cloud server processed from Biosensor biodata.
- Consult your sales representative for local market clearance and availability.

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