

# UbiqVue™ 2AYe Wearable Biosensor

Designed for Holter Monitoring and Mobile Cardiac Telemetry (MCT) Solutions

The 2AYe Biosensor enables patients to move freely at home or in clinical facilities, while their ECG and core biodata are continuously captured for up to 8 days.

The 2AYe Biosensor can be utilized with the UbiqVue Holter E2E, Holter Integrate and MCT Integrate Systems.



## Disposable & Affordable

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

## 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

## Key features:



3-channel ECG



Beat & Rhythm Classification



Heart Rate



Posture & Motion



R-R Interval



Heart Rate Variability



Event Recorder



Up to 8 day wear duration



## 2AYe Product Specification

<b>Product Codes</b>	Holter: System - UX2251, UX2251-I3. Biosensor - LP2251, UB2251. MCT: System - UX2253-I3. Biosensor - UB2253.		
<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	MBAN 2483.5 to 2500 MHz (EU) 2360 to 2400 MHz (US) WPA2-PSK / CCMP security 8m (line of sight). CCK and DSSS
<b>ECG</b>	3 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		
<b>Beat &amp; Rhythm Classification</b>	Beat classification: Normal, SupraVentricular, Ventricular, Artifacts Rhythm classification: Sinus Bradycardia, Sinus Tachycardia, Afib /A. Flutter, Supraventricular Tachycardia, Ventricular Flutter, Ventricular Tachycardia, Idioventricular Rhythm, Pause, First Degree AV Block, Second Degree AV Block – Type I, Second Degree AV Block – Type II		
<b>Heart Rate</b>	30-250 bpm		
<b>Posture &amp; Ambulation</b>	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		
<b>R-R Interval</b>	240 ms - 2000 ms		
<b>Heart Rate Variability</b>	SDNN: 1 min to <5 min, 5 min to <24 hr, ≥24 hr SDANN: ≥5 min RMSSD: 1 min to <5 min, ≥5 min		
<b>Physical</b>	116 mm x 91 mm x 15.5 mm 32g IP24 water ingress protection 8 days memory cache (Holter) 24 hours memory cache (MCT)		
<b>Battery</b>	Lithium Manganese dioxide Li-MnO <sub>2</sub> Up to 8 days battery life Defibrillation-proof type CF applied part		
<b>Usage</b>	Single use, disposable for Home and Healthcare Settings		

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

