

UbiqVue™ 1AX Multiparameter System

Wireless. Disposable.
Active Patient Monitoring.

Featuring the all-in-one, chest-worn UbiqVue 1AX Biosensor, patients can move freely within a hospital or home setting. Their biodata are continuously captured and transmitted in near real-time¹ for up to 5 days.



Key features:

○ Disposable & Affordable

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

○ Multiparameter Data

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



2-channel ECG²



Heart Rate²



Respiration Rate²



Skin Temperature²



Posture & Motion²



R-R Interval²



Heart Rate Variability²



Event Recorder



Up to 5 day wear duration

UbiqVue™ 1AX Multiparameter System

Key Specifications

Biosensor

Product Codes	System - LX1550, LX1550E, UX1550. Biosensor - LP1550, LP1550E, UB1550.
Wireless & Security	IEEE 802.11b WPA2 - PSK/ CCMP security 5m (typical)
Physical	105mm x 94mm x 12mm 28g IP24 water ingress protection 16 hours of memory cache Patient activated event recorder
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

Cloud-Processed Clinical Data

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)
Heart Rate	30-250 bpm
Skin Temperature	29°C to 43 °C range
Respiration Rate	6-60 breaths per minute range
Posture & Ambulation	3-Axis (digital) Posture: Supine, Prone, Lying – Left/Right, Reclining, Recline Left/Right, Leaning Forward, Upright, Upside down Motion: Sedentary, Mild, Moderate, Vigorous
R-R Interval	240 ms - 2000 ms
Heart Rate Variability	SDNN, SDANN, RMSSD

For more information visit www.lifesignals.com



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LX1550, LX1550E, UX1550.

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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