1AXe Wearable Biosensor

Designed for Holter Monitoring and Mobile Cardiac Telemetry Solutions

The 1AXe enables patients to move freely at home or in clinical facilities, while their ECG, heart rate and event data are continuously captured for up to seven days.

Patient biodata is transmitted wirelessly from the Biosensor to a remote secure server ready for display, storage and analysis.

The Bioweb Platform enables partner companies to quickly enhance their telehealth product and service portfolios to a broad patient base whether in a home or clinical setting.

Benefits for MedTech OEMs

- Developer-friendly Bioweb Platform
- Ready for commercialization
- Scalable clinical-grade care

Benefits for Patients

- Patient monitoring without boundaries
- Reduce the risk of disease transmission
- Minimal impact to patient lifestyle

Wireless Cardiac Monitoring

- 2 channel ECG
- Heart Rate
- Event Recorder
- Up to 7-day wear duration
# 1AXe Product Specification

<table>
<thead>
<tr>
<th><strong>Product Codes</strong></th>
<th>LP1251, LP1251E, LP1253, LP1253E.</th>
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</thead>
<tbody>
<tr>
<td><strong>Wireless</strong></td>
<td>IEEE 802.11b&lt;br&gt;WPA2 - PSK/CCMP security&lt;br&gt;Up to 5m service range</td>
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<tr>
<td><strong>ECG</strong></td>
<td>2 channels&lt;br&gt;244.14 samples per second&lt;br&gt;16 bit resolution&lt;br&gt;0.2 Hz to 40 Hz&lt;br&gt;Patient activated event recorder</td>
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<tr>
<td><strong>Heart Rate</strong></td>
<td>30-250 bpm</td>
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<tr>
<td><strong>Physical</strong></td>
<td>105mm x 94mm x 12mm&lt;br&gt;28g&lt;br&gt;IP24 water ingress protection&lt;br&gt;Up to 7 days memory cache</td>
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<tr>
<td><strong>Battery</strong></td>
<td>Lithium Manganese dioxide Li-MnO&lt;sub&gt;2&lt;/sub&gt;&lt;br&gt;Up to 7 days battery life&lt;br&gt;Defibrillation-proof type CF applied part</td>
</tr>
<tr>
<td><strong>Usage</strong></td>
<td>Single use, disposable&lt;br&gt;For Home and Clinical Facilities</td>
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For more information visit www.lifesignals.com

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