

# COMPASSPRO

An instant response when every second counts.



## DEVICE SPECIFICATIONS

<b>Size</b>	<ul style="list-style-type: none"><li>3.0"(77mm) X 1.4" (35mm) x .9" (23mm); weight: 0.95 oz (27g)</li></ul>
<b>Power System</b>	<ul style="list-style-type: none"><li>Rechargeable Lithium-Polymer (LiPo) Battery (3.7V, 250mAh).</li><li>Discharge rate varies depending on number of alerts</li><li>Full charge can last 5 days (40+ hrs)</li></ul>
<b>Charging</b>	<ul style="list-style-type: none"><li>Typically charges to 100% in 1.5 hrs. on a USB 2.0 Micro B (5V) charger</li></ul>
<b>Directional Accuracy</b>	<ul style="list-style-type: none"><li>Point source: Approximately <math>\pm 20^\circ</math></li></ul>
<b>Detection Sensitivity</b>	<ul style="list-style-type: none"><li>Eleven sensitivity levels + Smart Adaptive mode</li></ul>
<b>Operating Frequency</b>	<ul style="list-style-type: none"><li>50 Hz and 60 Hz options are available</li></ul>
<b>Operating Conditions</b>	<ul style="list-style-type: none"><li>-20°C to 60°C (-4°F to 140°F)</li><li>RH: Max. 90% Non-Condensing @25°C</li></ul>
<b>Water Resistance</b>	<ul style="list-style-type: none"><li>Rated IP-67</li></ul>
<b>Detection Voltage Ranges</b>	<ul style="list-style-type: none"><li>Low: 120VAC - 2.4kVAC</li><li>Medium: 2.4kVAC - 34.5kVAC</li><li>High: 34kVAC - 500kVAC</li></ul> <p><i>Detection distances vary depending on conditions, settings, and model. Voltage sensitivity is adjustable in the Safeguard Equipment app.</i></p>
<b>Case Ratings (Polycarbonate)</b>	<ul style="list-style-type: none"><li>Flame Retardant: UL 94V-0</li><li>Electric Strength (IEC 60243-1): 34 kV/mm</li><li>Electric Volume Resistivity (IEC 62631-3-1): <math>&gt;10^{13}</math> ohms-m</li></ul>
<b>Accelerometer</b>	<ul style="list-style-type: none"><li>Impact Detection: Impacts above 100g</li><li>Unit must be mounted on brim of hard hat</li><li>Fall Detection: Falls &gt; 6 ft</li></ul>
<b>Arc Flash Detection</b>	<ul style="list-style-type: none"><li>Minimum of 4 Cal/cm<sup>2</sup> with +/- 45 degrees viewing angle.</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>FCC; IP-67; ROHS</li></ul>