

COMPASSPRO

An instant response when every second counts.



DEVICE SPECIFICATIONS

Size	3.0"(77mm) X 1.4" (35mm) x .9" (23mm); weight: 0.95 oz (27g)
Power System	Rechargeable Lithium-Polymer (LiPo) Battery (3.7V, 250mAh). Discharge rate varies depending on number of alerts. Full charge can last 5 days (40+ hrs).
Charging	Typically charges to 100% in 1.5 hrs. USB minimum 5V, 0.5A
Operating Frequency	50 Hz and 60 Hz options available
Operating Conditions	Operation: -20°C to 60°C (-4°F to 140°F) Charging: 0°C to 45°C (32°F to 113°F)
Enclosure	Rated IP-67 Flame Retardant: UL recognition 94 V-0 at 1.5 mm Electric Strength (IEC 60243-1): 35kV/mm Electric Volume Resistivity (IEC 60093): 1.0E+14 ohms-m
Detection Voltage Ranges	Low: 120VAC - 2.4kVAC Medium: 2.4kVAC - 34.5kVAC High: 34kVAC - 500kVAC Detection distances vary depending on conditions and settings. The range is selectable in the Safeguard Equipment app.
Detection Sensitivity	Eleven sensitivity levels + Smart Adaptive mode
Directional Accuracy	Point source: Approximately ±20°
Impact Detection	Impacts above 190g
Fall Detection	Falls greater than 6ft
Arc Flash Detection	Minimum of 4 Cal/cm ² with +/- 45 degrees viewing angle.
Compliance This section lists the EMC (electromagnetic compatibility), safety, and environmental compliance standards with which the product complies.	EMC Compliance FCC Part 15B Class B: ICES-003 Issue 7 FCC Part 15C: IC RSS-GEN Directive 2014/53/EU (Radio Equipment Directive (RED)) -EN 300 328 V2.2.2 -EN 301 489-1 V2.2.3 -EN 301 489-17 V3.2.6 Safety Compliance ANSI/ISEA Z89.1-2014 - Class E Hard Hat, Full Brim, Type 1; Tested Accessory Environmental Compliance Directive 2011/65/EU (RoHS 2) Directive 2015/863/EU (RoHS 2 amendment) -EN IEC 63000:2018 Directive 2006/66/EC (Battery RoHS)
Conformance (To other standards)	ASTM F3283/F3283M - 18: Standard Specification for the Manufacturing of High-Voltage Proximity Alarm to be used for the Detection of Overhead High Voltage Alternating Current (AC)