

Amber Guard A100



Basic fall/impact detection



USB-C Rechargeable



Panic mode



Peer-to-peer wireless communication



Motion detection



External analog, digital and serial inputs



Lanyard hole

The Amber Guard A100 is manufactured to operate as a GPS-based panic button device with a rechargeable battery. It is equipped with a highly reliable electric circuit design and complies with electronics industry standards. Providing functions such as panic mode, motion detection and basic fall detection.

Device

Name	Amber Guard A100
Technology	Sigfox

Power

Battery Capacity	1100 mAh
Battery Type	Lithium Polymer (Li-Po)
Battery Voltage	3.7 VDC
Battery Life	4h 30min charging time

Sigfox

Region	RC Region 1 (Class 0u Sigfox certification)
Frequency	868 MHz (RC1)

Geo-Location

Positioning System	GLONASS, GPS
Frequency	GPS: 1575.42 MHz GLONASS: 1602 MHz
Positioning Accuracy	2.0m CEP
Tracking Sensitivity	-167 dBm
Acquisition Sensitivity	Hot start: -157 dBm Cold start: -148 dBm
Acquisition Time (open sky)	Hot start: 1 s Cold start: 26 s

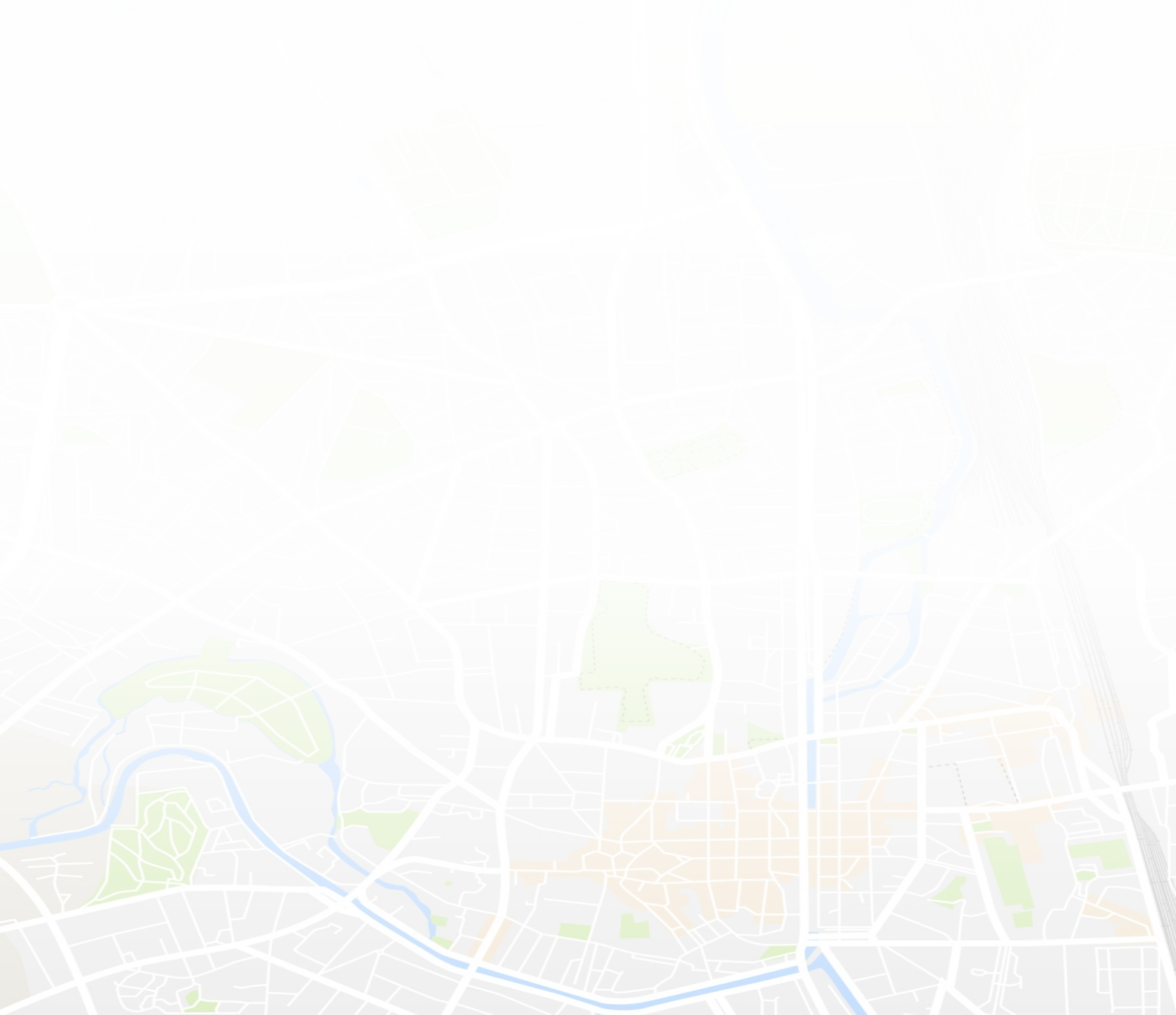
Interface

User Interface	LED indicators
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Physical specification

Dimensions 76 × 48 × 20 mm


Weight 126 g



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