Firefly

AI Beacon LB21-X

Data Sheet



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Overview

Give your team real-time awareness of threats, wherever they occur. Built for continuous, unattended operation with real-time Panic Button triangulation, and integrated status signaling. Pairs with our Panic Button and Network Gateway for onsite incident triangulation. Fully integrated with our Ember software for centralized monitoring and response.

Core Features

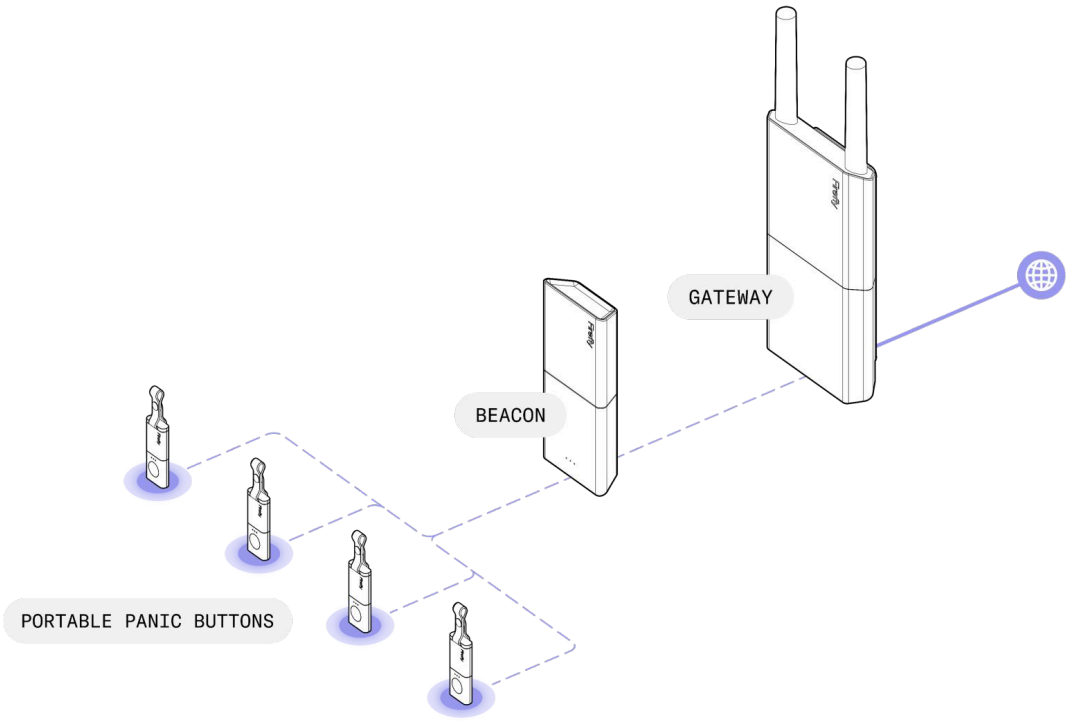
Incident detection
Triangulation and noise analysis to locate panic events.

Status signaling
Smart LED indicators signal alerts in real time across your organization.

5-Year Battery
Extended battery life eliminates routine maintenance.

Robust connectivity
Private encrypted mesh with BLE and Halo ensures reliable alerts.

Connectivity



Power and Network

POWER SOURCE
Alkaline battery pack

BATTERY LIFE
Up to 5 years
(under normal use conditions)

WIRELESS COMMUNICATION
BLE, 915 MHz

MAX RANGE
≥ 2000ft (600m) open field line of sight range relative to the Network gateway (915MHz), 30m (BLE)

Functionality

STATUS INDICATOR
Smart LED indicators

TAMPER DETECTION
Supported

Hardware

ENCLOSURE MATERIAL
Polycarbonate, Polycarbonate-ABS blend

MOUNT MATERIAL
ABS

MOUNTING
Wall + Ceiling Mount · Screw-Fixed or Adhesive (VHB)

Environment

AMBIENT OPERATING TEMPERATURE
-40°C to 85°C

AMBIENT OPERATING HUMIDITY
Up to 95% RH

WEATHER PROOFING
Water and dust resistant

RECOMMENDED STORAGE CONDITIONS
10°C to 25°C (50 to 77°F),
dry, low humidity

General

DIMENSIONS
187 x 84 x 32 mm
(7.36 x 3.31 x 1.26")

WEIGHT
468 g
(16.5 oz)

WORKS WITH
Ember software; Network Gateway, Panic Button

CERTIFICATIONS
FCC