

Model:31511 | LRPAN



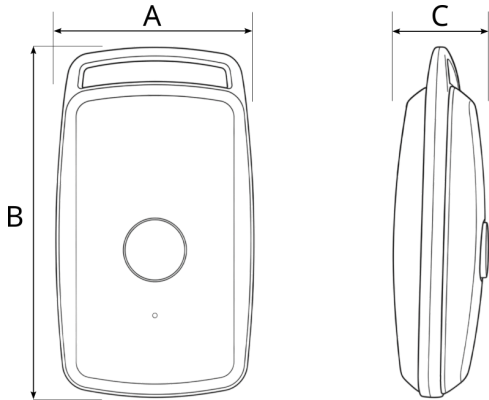
Application

The DC Panic Button enables discreet manual triggering of emergency alarms, for installation in commercial, industrial, and residential buildings. Suitable for indoor use (IP30).

Operation

When pressed, the device vibrates and immediately transmits the alarm signal to the control panel over the wireless network.

Dimensions



A	B	C
1.9 in	3.4 in	0.8 in

Standard Features

- Wireless protocol — 2.4 GHz, ISM band (Industrial, Scientific and Medical).
- Battery-powered: 2 × AAAA alkaline (Energizer E96) — up to 12 months autonomy.
- IP30 ingress protection — for indoor use.
- 128-bit AES encryption; restricted to enrolled installation unit.
- Tamper detection: removal alert at control panel within 2 seconds.
- Low-battery alert and level indication at the control panel.
- Equipment fault indication at the Fire Detection and Alarm Panel within 5 minutes.

Product Certifications:



Specifications

ENVIRONMENTAL CHARACTERISTICS	
Ingress Protection	IP30
Operating temperature	-10 to 55 °C
Storage temperature	0 to 40 °C
Relative humidity	10% to 95%
ELECTRICAL CHARACTERISTICS	
Power supply	2 × AAAA alkaline (Energizer E96)
Battery autonomy	Up to 12 months under normal conditions
DIMENSIONS	
Dimensions (A × B × C)	1.9 × 3.4 × 0.8 in
Packaged dimensions	3.5 × 2.0 × 1.2 in
Weight	100 g

Specifications

RADIO FREQUENCY — 802.15.4	
Operating channels	11 to 26 (default 26)
Network encryption	AES 128-bit
Data transfer rate	256 kbps
Modulation	O-QPSK
Antenna gain	1.86 dBi
TX power	≤ 20 dBm
Sensitivity	-102 dBm
Antenna type	Internal
Indoor range	80 m
Outdoor range (line of sight)	1,000 m
Standard	802.15.4

LED Indicators

LED	State	Description
	Blue Activation	Button pressed — device vibrates and transmits alarm signal.