Keypad

General

The Keypad is a device that provides the facility to arm and disarm detectors via cloud-defined, user-associated pin codes that can be delivered directly to the user without cloud login.

Operating temperature range
-40°C to +60°C
-40°F to +140°F

IP rating
IP65

Weight (including battery)
700g / 1,54 lb

Dimensions
85x107x140mm
3.34x4.21x5.5 in

Colour
NATO Green (RAL6014)

Short range radio

Short-range 2.4GHz radio is used for two-way communication between the keypad and other devices.

Standard	**IEEE 802.11.4**
Bandwidth	**2 MHz**
Data rate	**250 kbps**
Modulation	**QPSK**
Antenna	**omnidirectional**
EIRP	**12 dBm**
Security	**ECC (secp160r1)**
Authentication & encryption	**AES 128**
Max LOS distance	**500M / 1640.42 ft**
Mesh network (multi-hop data transmission)	**mesh**

Indication devices

Keypad devices provide local ability to arm and disarm detectors.

Buttons	**Numerical 0,1 to 9 (10 buttons** **Closed padlock - Arm** **Open Padlock - Disarm** **measured at a distance** **of 1 m on axis**
LED	**Red, Green, Orange** **Used to inform state** **and condition of** **the system**
Internal Buzzer	**Piezoelectric buzzer**

Battery

Bridge is powered by 4 rechargeable Li-Ion battery.

Voltage	**3.7V**
Capacity	**10.2 Ah**
Lifetime	**>400 days standby/ 300 keypad operations (using 1 battery)**
Time to recharge	**7-12 hours (depending on charge type)**
Auxiliary solar panel	**optional**