TECHNICAL DATASHEET

Keypad

MODEL NUMBER:
72117



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
658

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

Dimensions
85x107x140mm
3.34x4.21x5.5 in

Colour
NATO Green (RAL6014)

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Short range radio

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

Standard	**IEEE 802.15.4**
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**

Display 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**
LED	**Red, Green, Orange** **Used to inform state and condition of the system**
Internal Buzzer	**Piezoelectric buzzer**

Battery

The Keypad is powered by 1 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**