

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)



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

The Keypad is powered by 1 rechargeable Li-Ion battery.

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