TECHNICAL DATASHEET
Keypad
MODEL NUMBER:

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(WxDxH)	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)

_____

reconeyez

Authentication & encryption	AES 128
Max LOS distance	500 m
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

Keypad is powered by 1 rechargeable Lithium-ion (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

_____

reconeyez