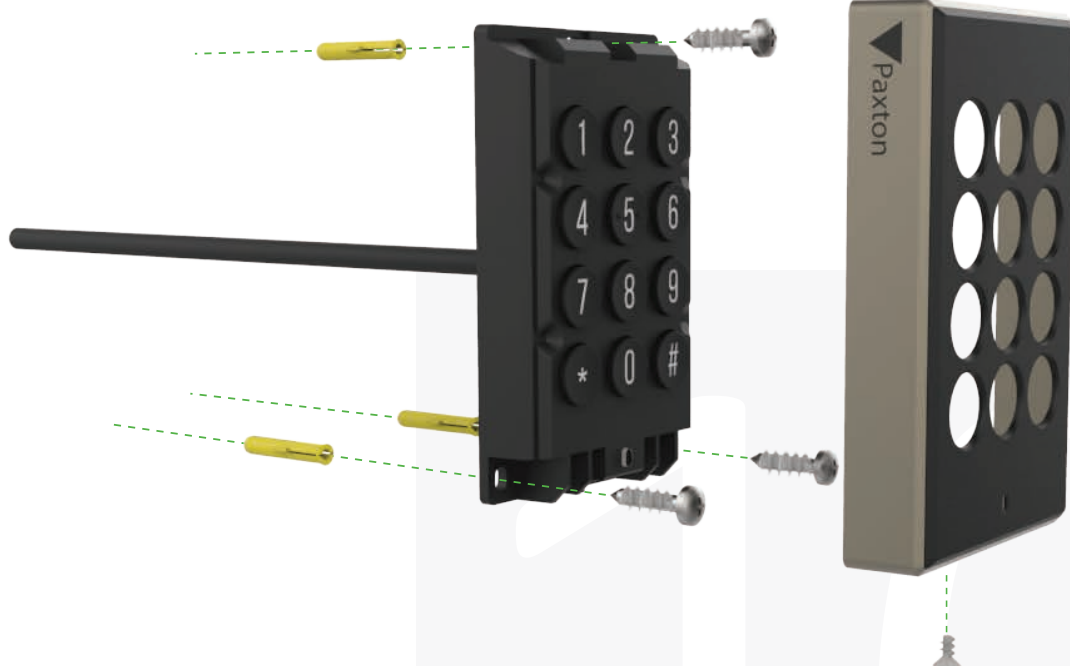# Paxton10 - Keypad Reader

Overview

The Keypad Reader brings PIN and Code support to the Paxton10 system in a stylish and simple design with a rugged IP67 construction.

Designed using cutting edge technology, the Paxton10 Keypad Reader packs a huge amount of functionality into its compact package. The new reader supports all leading token types including HID Prox®, MIFARE®, Paxton and EM, as well as offering Bluetooth for communication with long range or handsfree credentials and mobile telephones via the Paxton app.

The Keypad Reader also includes LED backlighting, whilst using minimal energy during operation through its inbuilt wake-up mechanism.

Features

- Durable hardened silicone keypad
- Backlit for easy use and identification in low light
- Multi-format reading technology offering compatibility with Paxton, MIFARE®, HID Prox®, EM and more.
- Low power sleep mode
- Built in Bluetooth Smart and Low Energy support to allow communication to mobile and wearable devices.
- Simple 2-part construction with encapsulated 5m cable included
- IP67 rated
- Simple 4 wire installation

⚙ Token compatibility

Paxton		
	Frequency	125kHz
	Data read	Serial number (CSN) & User memory
	Cloning resistance	Medium
EM4100/02		
	Frequency	125kHz
	Data read	Serial number (CSN)
	Cloning resistance	Low
MIFARE®		
	Frequency	13.56MHz
	Data read	UID
	Cloning resistance	Low

⚡ Electrical

Power consumption	1W	(Max)
Operating voltage	12V	
Current Draw	40mA	(Quiescent)
	100mA	(Max)

🖧 Communication

RFID frequency	125kHz & 13.56MHz
Data connection	RS485/Paxton10 protocol
Bluetooth®	2.4GHz
Token Mode	Up to 2cm
Touch to Enter	Up to 1.5m
Long Range	Up to 10m

📦 Hardware

Dimensions (W x H x D)	63.8mm x 104mm x 18.2mm
Cable Type	22AWG, 4 core twisted pair
Cable Length	5m
Maximum cable extension length (Controller > Reader)	100m
Sound	Piezo Buzzer
Colour	Black
Housing material	PC+ABS
Warranty	Paxton 5 year

Environment

Operating temperature	-35°C - +66°C
IP Rating	IP67
IK Rating	IK09
Mounting	Surface only, suitable for mounting on metal, please see APN-0001

Accessories and Sales codes

010-824	Paxton10 - Keypad reader