

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.

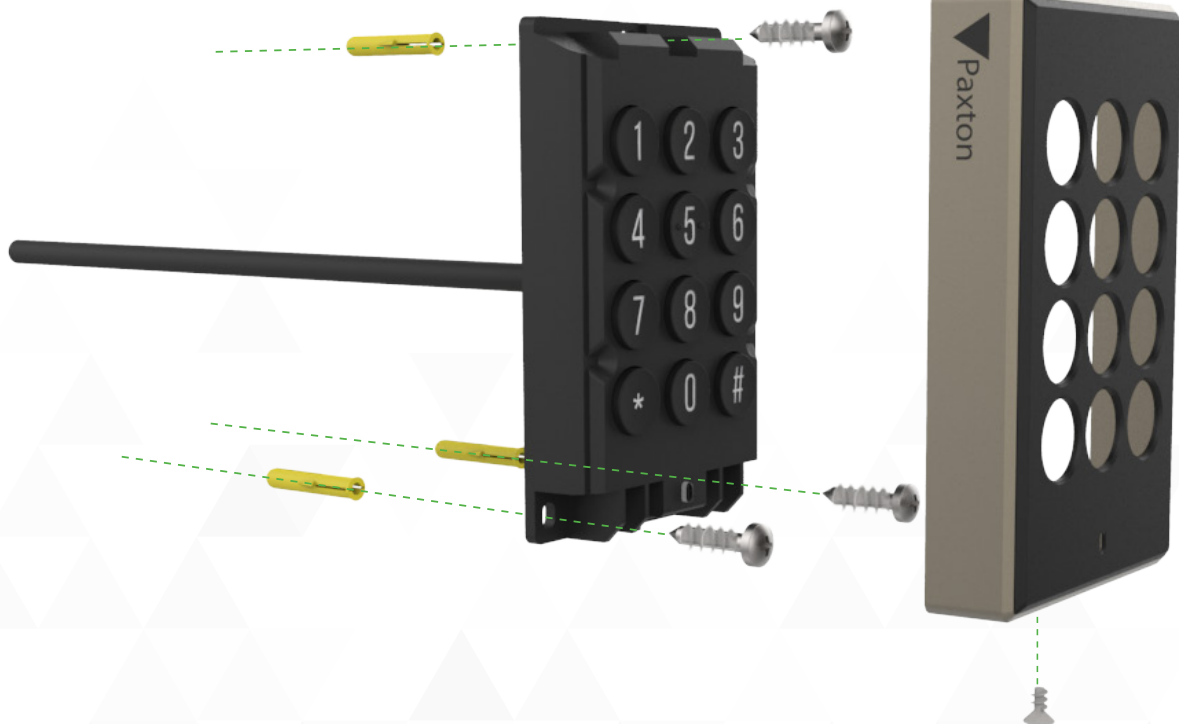
Designed using cutting edge technology, the Paxton10 Keypad Reader packs a huge amount of functionality into its compact package. The new reader supports all leading tokens including HID Prox®, Mifare®, Paxton and EM, as well as offering Bluetooth for communication with long range or hands free credentials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

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



Features

- Durable hardened silicone keypad
- Backlit for easy use and identification in low light
- Brings Paxton simplicity to the plethora of token types currently on the market by supporting all of them concurrently.
- 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



Specifications



Token compatibility

Paxton encrypted		
Frequency		13.56 MHz
Data read		AES 128 bit encrypted credential
Cloning resistance		High
Paxton standard		
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		13.56 MHz
Data read		UID
Cloning resistance		Low
HID Prox®		
Frequency		125kHz
Data read		User number/site code
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®		2.4 GHz
Token Mode		Up to 2cm
Touch to Enter		Up to 1.5m
Long Range		Up to 10m



Hardware

Cable Type	22AWG, 4 core twisted pair
Cable Length	5m / 16ft
Maximum cable extension length (Controller > Reader)	100m / 328ft
Sound	Piezo Buzzer
Colour	Black
Housing material	PC+ABS
Warranty	Paxton 5 year



Environment

Operation temperature	-35°C - +66°C
IP Rating	IP67
IK Rating	IK09
Mounting	Surface only, suitable for mounting on metal

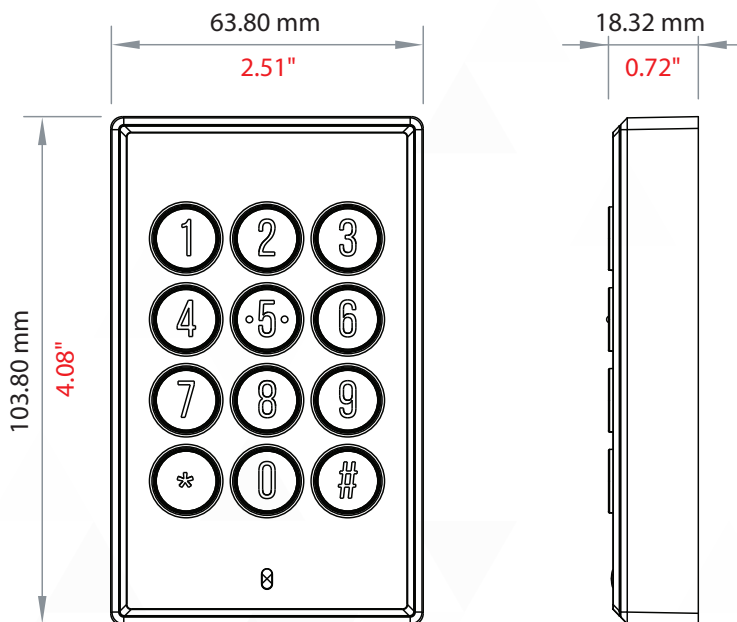


Accessories and Sales codes

010-824-US Paxton10 - Keypad reader



Dimensions



Certifications: UL 294, FCC 15C