

# Paxton10 - Single-door controller

Paxton10

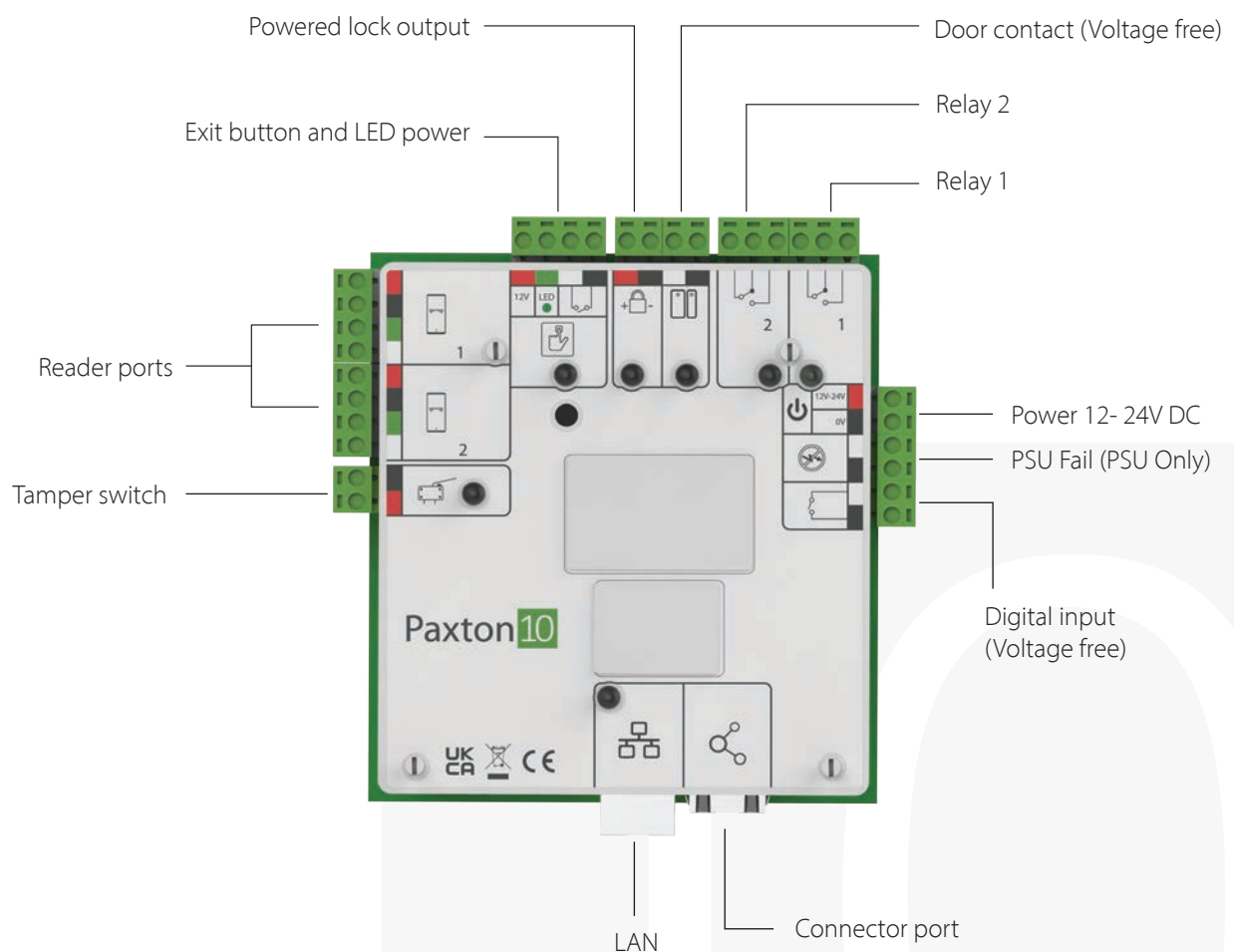
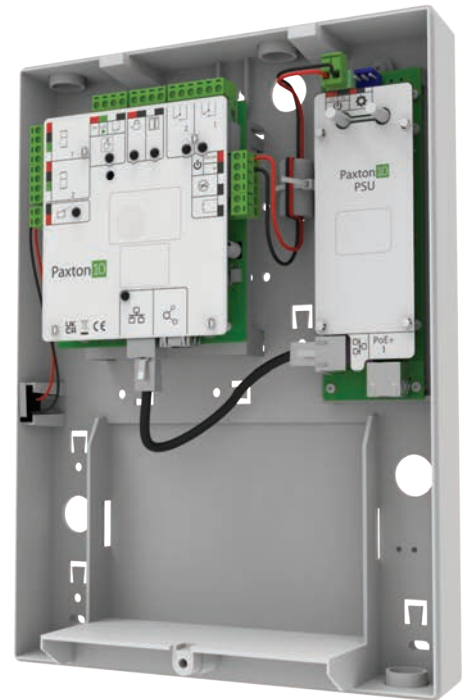
## Overview

The Paxton10 - Single-Door Controller has been designed with simplicity in mind. Clearly labelled terminals result in hassle free installation for control and monitoring of a door.

Offering a flexible installation solution, with PSU options for powering either by 12VDC or PoE, and PCB only options for making use of an existing DC line.

## Features

- Simple plug-and-play installation
- Locally stored programming enables the system to continue working if connection to the server is lost
- 5 year warranty
- Power Options: PoE+, 230V, 12V or 24V
- Back up battery connects to PSU
- Powered lock output
- Plastic enclosure for Single-Door Controller with PSU and for PCB only





## Electrical

Power consumption	
Backup battery	12V DC, 7 Ah (Optional)
Lock output	12V DC/1A or 24V DC/500mA
Relay rating	30V DC/ 2A
RS485 connector output	24V DC, 750mA max (Paxton connectors only)
RS485 reader output	12V DC, 1 A max (Paxton readers only)
Controller input voltage	12 - 24V DC (suppression at 28V)
PoE Power Supply	INPUT: 36-57V DC, 25.5 W (IEEE 802.3at Type 2) OUTPUT: 12.8V DC, 1,8 A
2A Power Supply	INPUT: 100-240V AC, 50/60Hz, 1.2 A OUTPUT: 13.8 V DC, 2 A



## Communication

Data connection	IP
Network switch requirement	100Mbps



## Hardware

Cable type	Ethernet (RJ45)
Door contact input	Yes
Voltage free digital input	1
Exit button input	Push to make
Tamper input	Yes
Relays	2
Maximum number of readers/keypads per door	2
Warranty	Paxton 5 year



## Environment

Operating temperature	0°C - 45°C
IP Rating	N/A
Mounting	Wall



## Accessories and Sales codes

010-403	Paxton10 - Single-door controller, PCB only
010-052	Paxton10 - Single-door controller, PoE
010-751	Paxton10 - Single-door controller, 12V 2A PSU
010-315	Paxton10 - Single-door controller, with plastic housing



Dimensions

