

# Paxton10 Single Door Controller

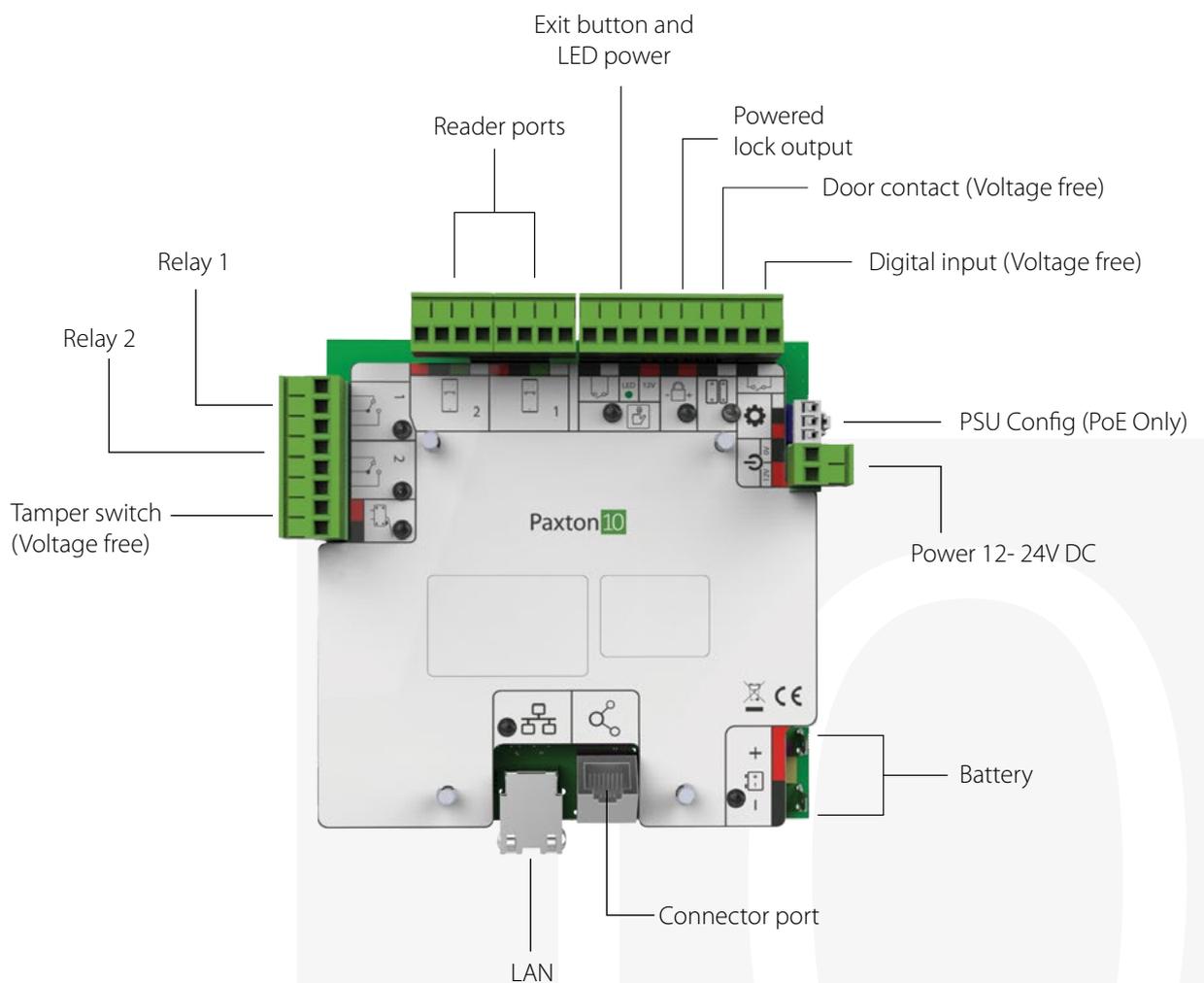
## Overview

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 installation flexibility with the option to power either by 12VDC or making use of existing network infrastructure to power via PoE.

## 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
- Backup battery connectors
- Powered lock output





## Electrical

Power consumption	
While battery charging	Idle - 97mA / 5.08W Max -108mA / 5.6W
While battery full	Idle - 48mA / 2.53W Max -105mA/5.5W
Backup battery	12V DC, 7Ah (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, 1A max (Paxton readers only)
Controller input voltage	12 - 24V DC (suppression at 28V)
PoE Power Supply	INPUT: 36-57V DC, 25.5W (IEEE 802.3at Type 2) OUTPUT: 12.8V DC, 1.8A
2A Power Supply	INPUT: 100-240V AC, 50/60Hz, 1.2A OUTPUT: 13.8V DC, 2A



## Communication

Data connection	IP
Network switch requirement	100Mbps



## Hardware

Dimensions (W x H x D)	
PCB and boxed unit in housing	236mm x 320mm x 80mm
PCB (Including connectors)	127mm x 25mm x 141mm
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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