

Paxton10 Single Door Controller

Paxton10

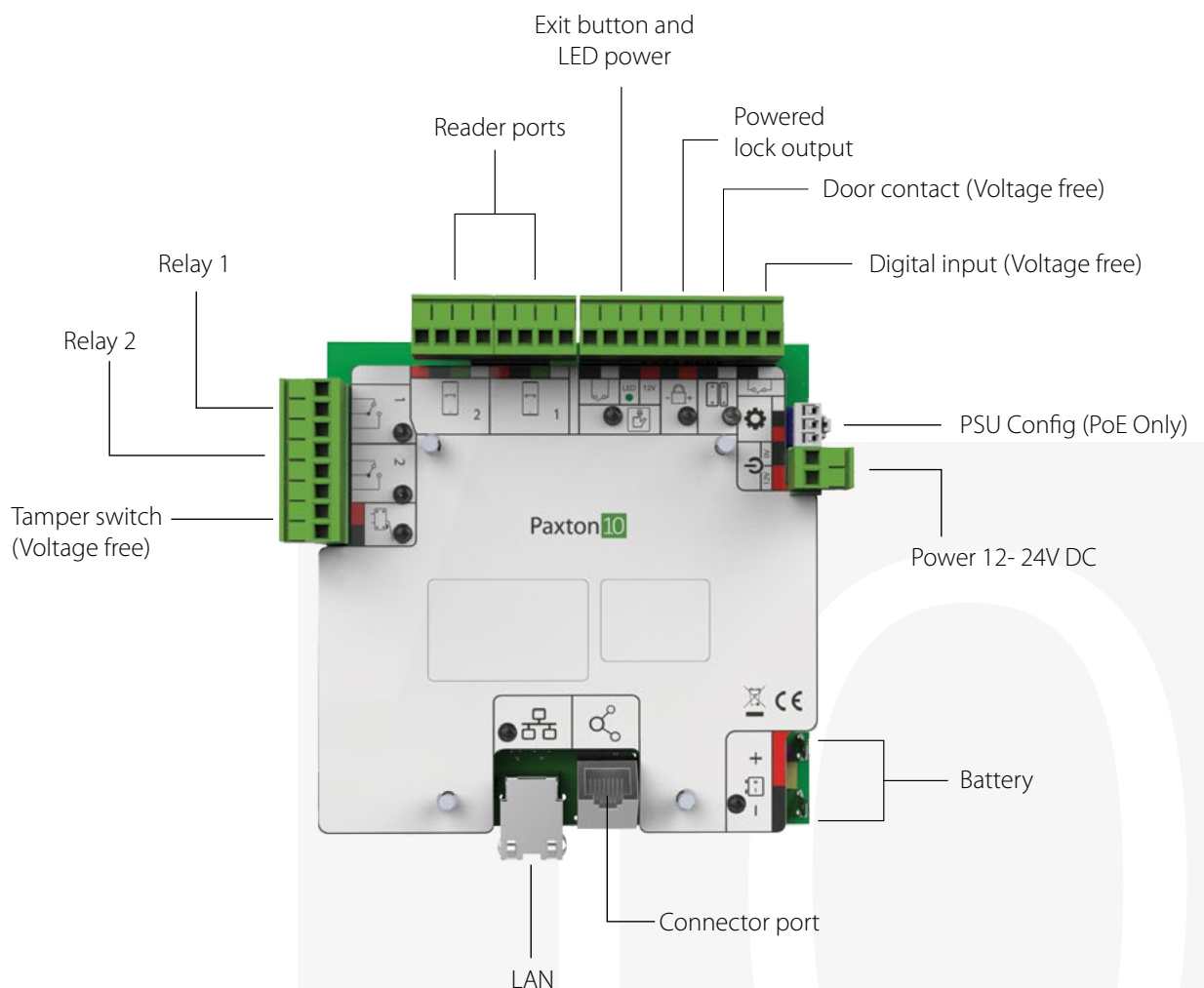
Overview

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 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