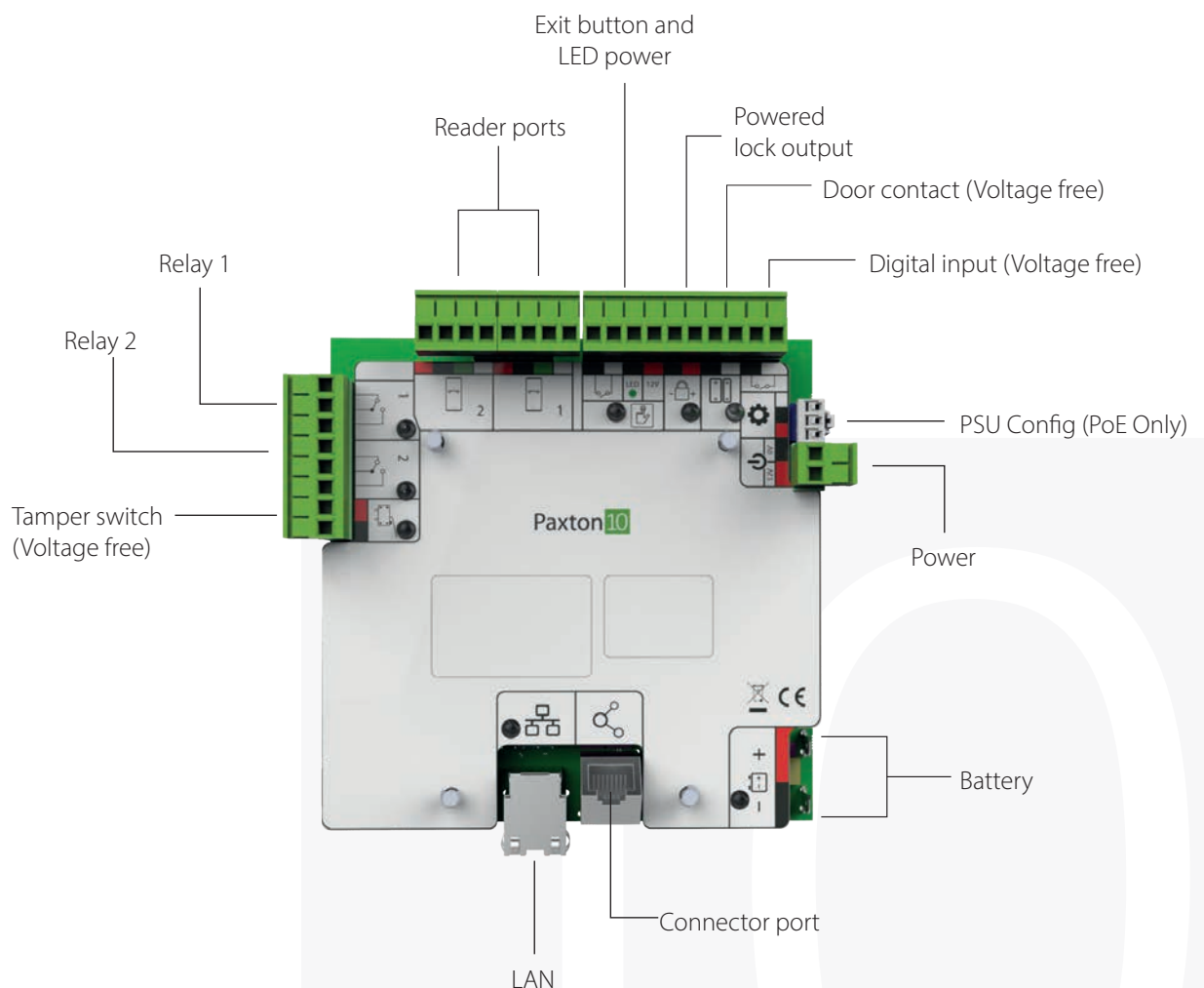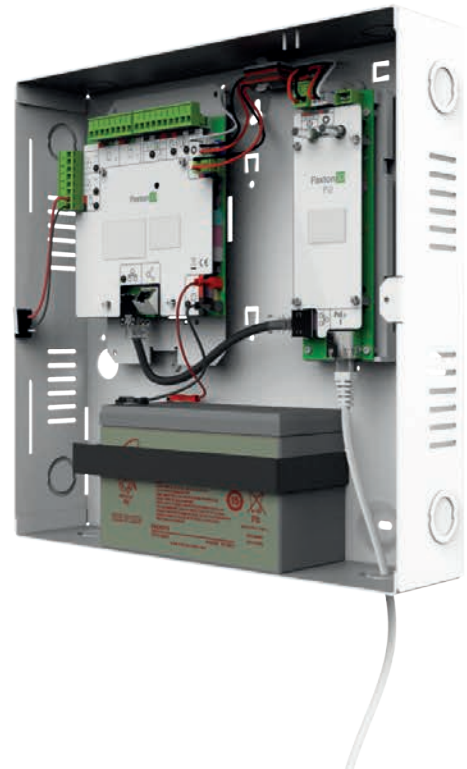# Paxton10 - US Door Controller

Overview

The Paxton10 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 24V AC 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
- Available with either PoE or 24V AC power supply
- Backup battery connectors
- Powered lock output

Specifications

⚡ Electrical

While battery charging	Idle – 97mA/5.08W
	Max -108mA/5.6W
While battery full	Idle – 48mA/2.53W
	Max -105mA/5.5W
Controller input voltage	12V - 24V DC
Backup battery	12V DC, 7Ah (Optional)
Lock output	12V DC / 1A
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)
PoE Power Supply	Input: 36-57V DC, 25.5W (IEEE 802.3at Type 2)
	Output: 12.8V DC, 1.8A
2A Power Supply	Input: 24V AC
	Output: 12V DV 2A
	24V DC 0.75A

🖧 Communication

Data connection	IP

📦 Hardware

Dimensions (W x H x D)	12 $^{23}/_{32}$" x 12 $^{23}/_{32}$" x 2 $^{63}/_{64}$"
Door contact input	Yes
Voltage free digital input	1
Exit button input	Yes
Tamper input	Yes
Relays	2
Maximum number of readers/keypads per door	2
Warranty	Paxton 5 year

☂ Environment

Operating temperature	32°F - 113°F
IP Rating	N/A
Mounting	Wall
Relative humidity	85 ±5%

Certifications: UL 294, FCC 15B

Accessories and Sales codes

010-403-US	Paxton10 - Door Controller, PCB only
010-522-US	Paxton10 - Door Controller, US, 12/24V 2A PSU
010-315-US	Paxton10 - Door Controller, with plastic housing
010-495-US	Paxton10 - Door Controller, US, metal housing, POE