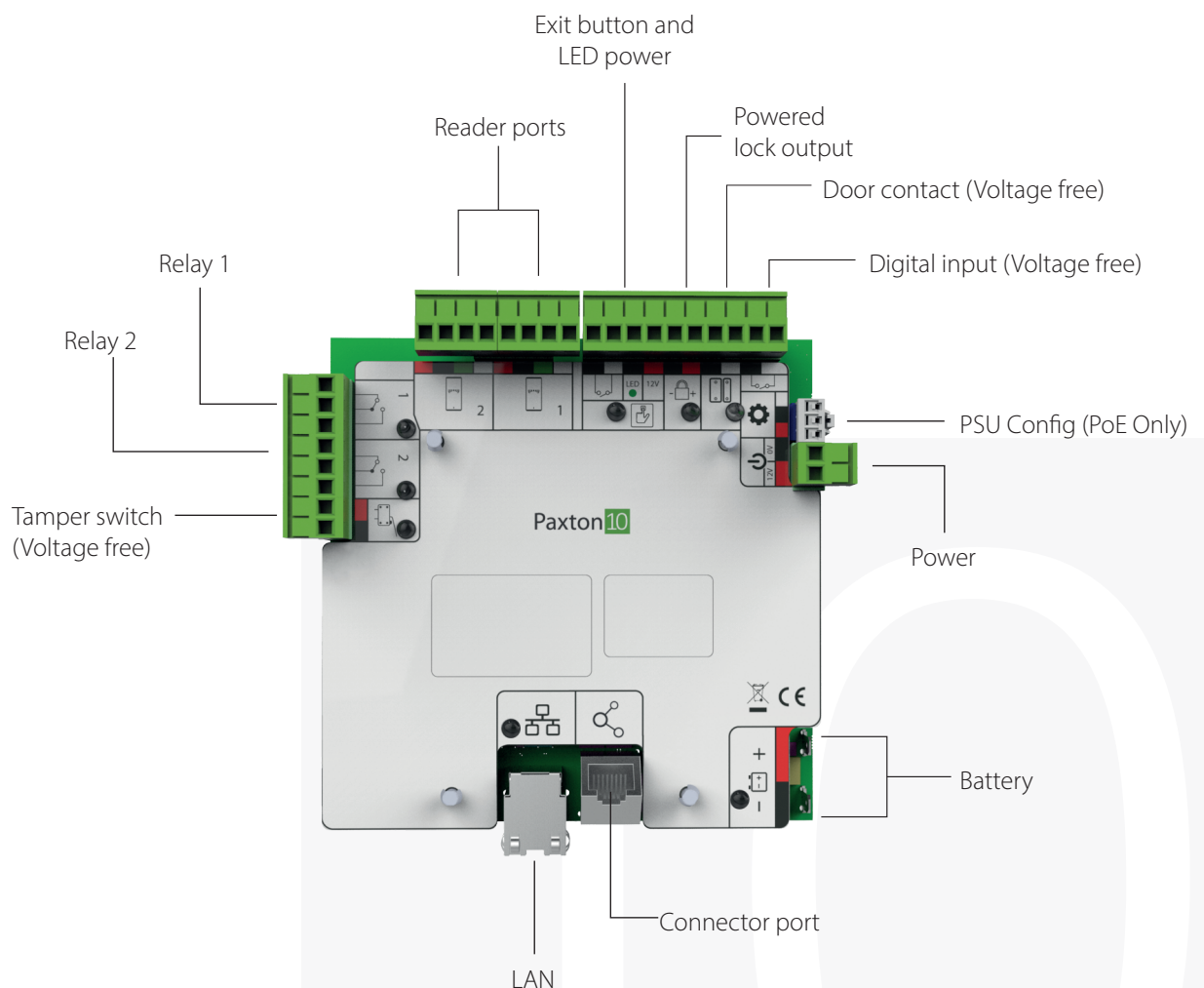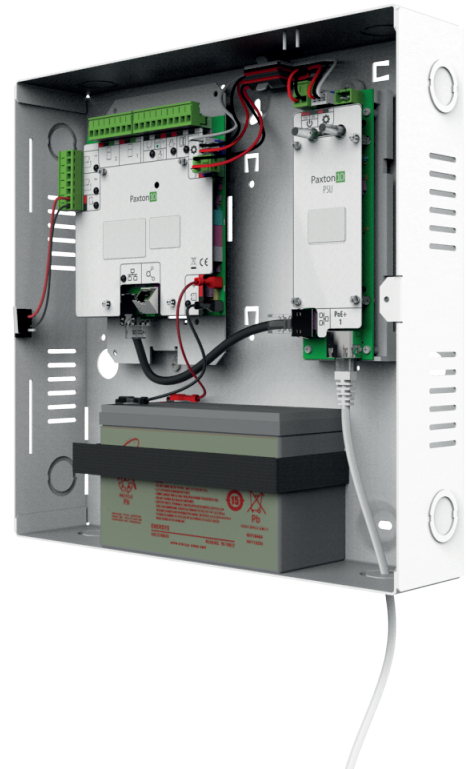# Paxton10 US Door Controller

Paxton 10

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

- Exit button and LED power
- Reader ports
- Powered lock output
- Door contact (Voltage free)
- Digital input (Voltage free)
- Relay 1
- Relay 2
- PSU Config (PoE Only)
- Tamper switch (Voltage free)
- Power
- Battery
- Connector port
- LAN

Paxton 10

⚡ 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: 12/24V DC 2A

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

TDS-0032-US