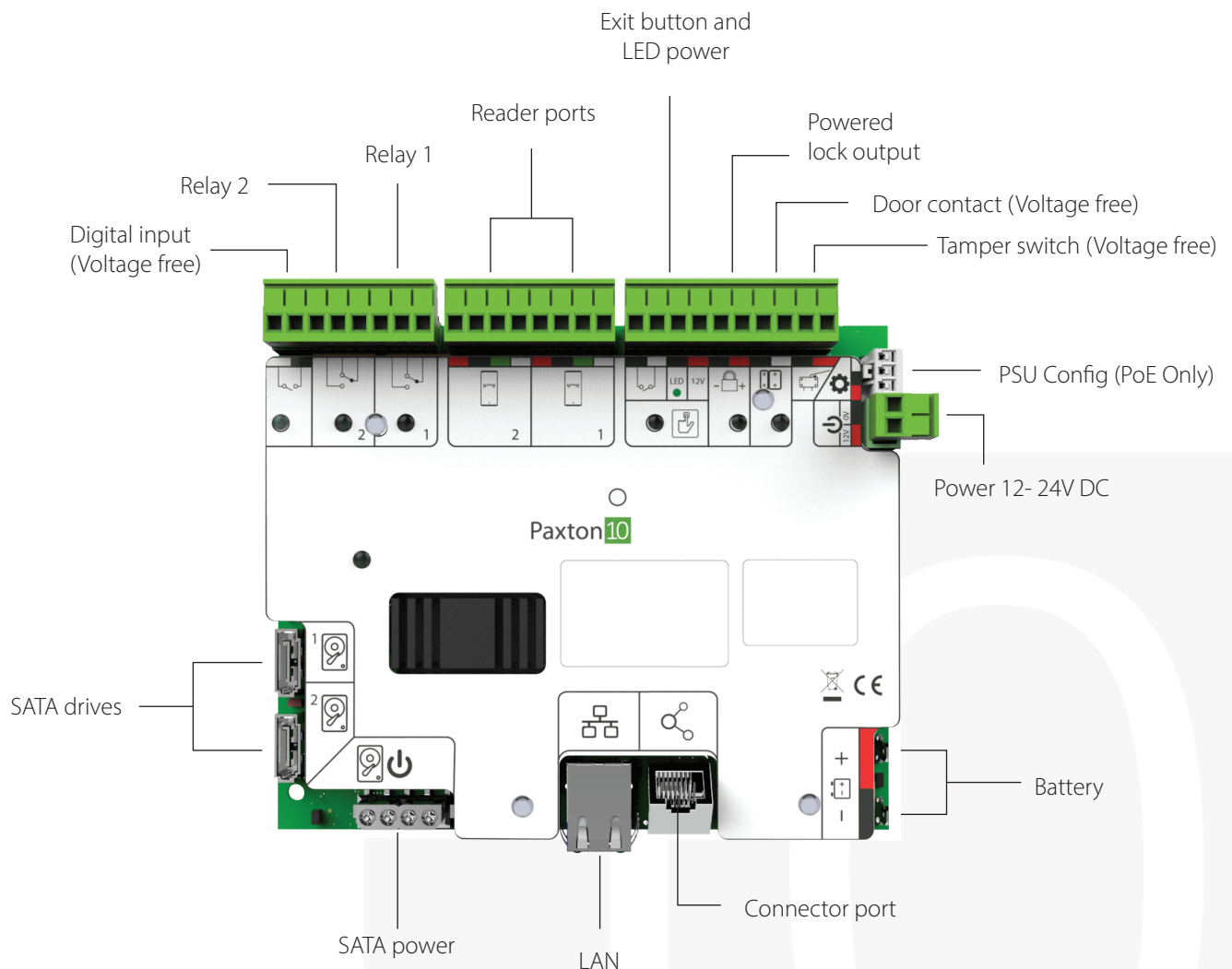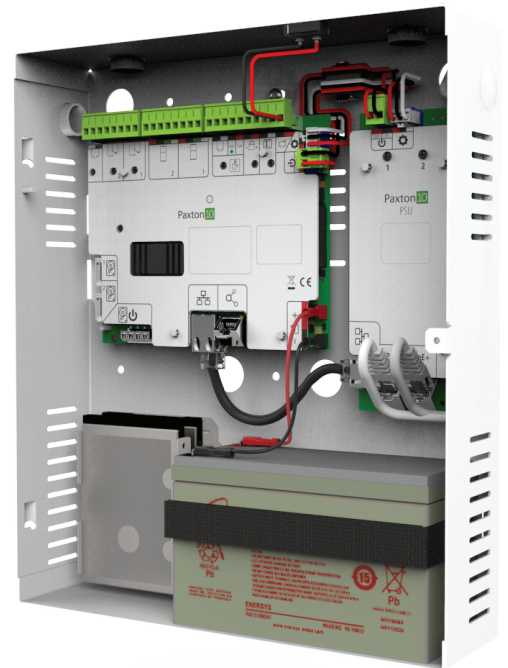# Paxton10 Video Controller

Paxton10

Overview

The Paxton10 Video Controller combines both the Single Door Controller and a video recorder into one unit. Removing the need for any additional integration, the video controller makes installing an access control system with video recording a seamless and simple task.

Two SATA hard drives can be installed simultaneously in a RAID1 configuration.

Features

- All the same functionality as a Single Door Controller
- Built in video recorder with expandable storage
- Simple plug and play installation
- Power Options: PoE+, 230V, 12V or 24V
- Locally stored programming enables the system to continue working if connection to the server is lost
- 5 year warranty
- Backup battery connectors
- Powered lock output
- Simple and intuitive connectivity

Exit button and LED power

Reader ports

Relay 1

Relay 2

Powered lock output

Digital input (Voltage free)

Door contact (Voltage free)

Tamper switch (Voltage free)

PSU Config (PoE Only)

Power 12- 24V DC

SATA drives

Battery

SATA power

LAN

Connector port

Specifications

⚡ Electrical

Power consumption	
While battery charging	Idle - 114mA/5.9W
	Max - 160mA/8.3W
While battery full	Idle - 74mA/3.87W
	Max - 122mA/6.39W
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: 42.5-57V DC, 25.5W (IEEE 802.3at Type 2)
	OUTPUT: 12.8V DC, 3.6A
4A Power Supply	INPUT: 100-240V AC, 50/60Hz, 1.5A
	OUTPUT: 12.8V DC, 4A

Communication

Data connection	IP
Network switch requirement	Gigabit (1,000Mbps)

Hardware

Dimensions (W x H x D)	275mm x 320mm x70 mm
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
Video storage	2 x SATA inputs for 2.5" Internal Hard Drives for RAID1 configuration
	(drives not included*)
Max storage capability	2TB (Local via SATA or remote)

*We recommend the Western Digital WD10JFCX hard drive which has been thoroughly tested with the Paxton10 Video Controller.

☔ Environment

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