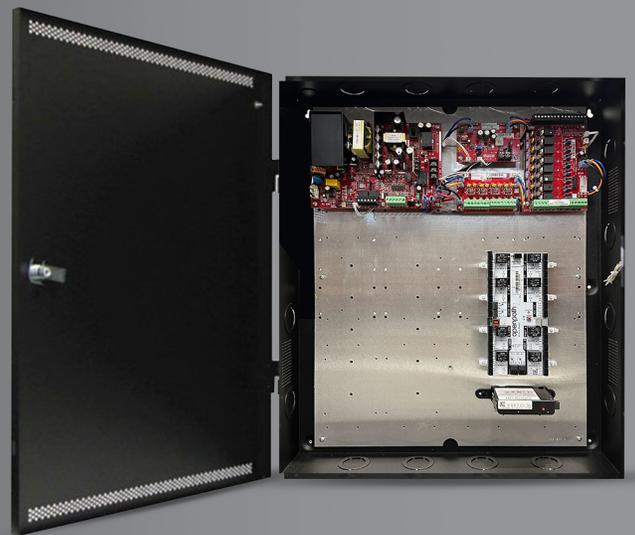


# AVIGILON™

## 12/24V 8-DOOR FLEX POWER SMART HUB

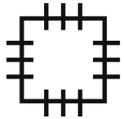
EXPANDABLE ACCESS CONTROL FOR THE  
MODERN WORKPLACE



Smart Hubs are shipped unassembled. Some hardware may show the Openpath logo.

### SYS-8ENT-DVE4

Seamlessly expand your access control with our modular Core Series Smart Hub that features configurable inputs, encryption at every level and powerful, cloud-based management to enable secure, dynamic access control for any facility. The Smart Hub connects to expansion boards that include ports for 8 Avigilon Smart Readers, Request to Exit (REX) inputs, and Contact Sensors. It comes with a built-in 12/24VDC power supply, and connects to readers using industry standard RS-485 wiring for simplified installation.



#### SEAMLESSLY EXPAND AND SCALE

This Smart Hub is designed to handle a single closet or single floor deployment with its 8-door configuration with integrated power for locking hardware.



#### PREMIUM HARDWARE FOR BEST PERFORMANCE

The Smart Hub features a future-proof Access Control Core that securely makes all entry decisions. It features a 12/24VDC Flex Series power supply and expansion boards. Take advantage of the larger enclosures for easy cable management.



#### EASY MANAGEMENT WITH SMART MONITORING

Network and device monitoring systems built in to ensure a smooth experience for our users, with remote diagnostic and troubleshooting capabilities to resolve any issues with ease.



#### 100% REMOTE CLOUD MANAGEMENT

Do more with less by securely and easily connecting to the cloud for remote system management, diagnostics, and communication.



#### HASSLE-FREE INSTALLATION

Aluminum backplate and plug-and-play design allows for easy expansion, customization and mounting, with interoperability to integrate with physical on-premise systems and logical software-based systems.



#### LIFETIME WARRANTY

Take advantage of the peace of mind knowing that Avigilon stands behind its access control hardware with a lifetime warranty, guaranteeing the ultimate quality for your security solution.

For more information, visit [avigilon.com/access-control/12-24v-8-door-core-series-flex-smart-hub](https://www.avigilon.com/access-control/12-24v-8-door-core-series-flex-smart-hub).

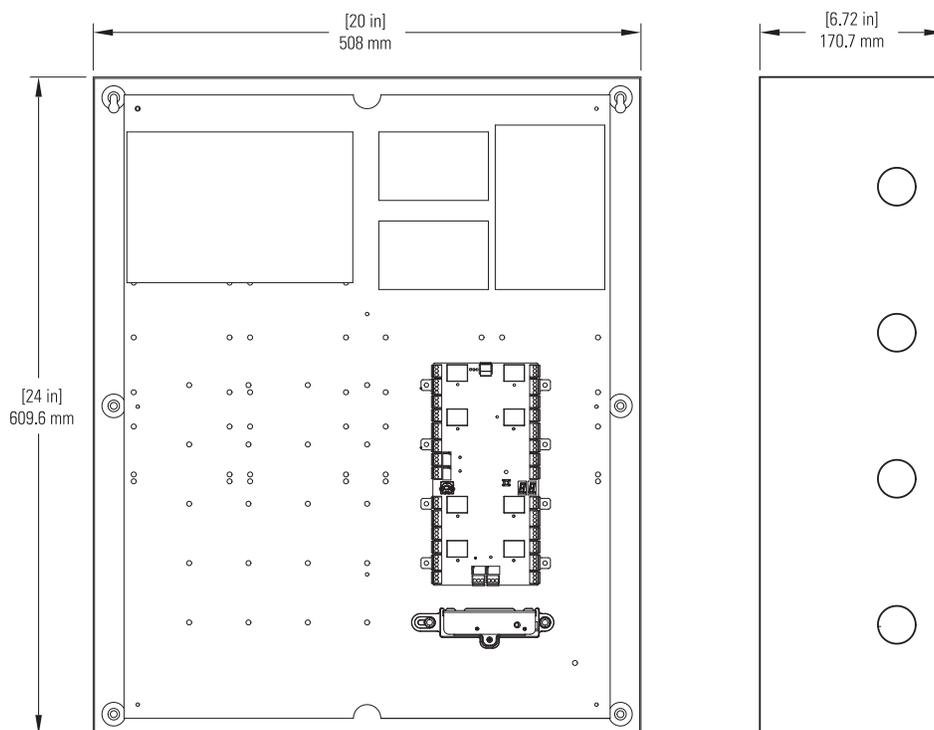
# SPECIFICATIONS

## SYSTEM

Access Control	Up to 8 Avigilon Smart Readers
Door Relays	8 relays, 5A @ 24VDC (resistive)
Auxiliary Relays	4 relays, 1A @ 24VDC 4 auxiliary relays and 4 configurable auxiliary I/O pins provide extra inputs and outputs, and allow more sensors or Wiegand devices
Avigilon Readers	Up to 8 Avigilon Smart Readers Uses industry standard RS-485 signaling to communicate with Avigilon readers over standard wiring
Communication Ports	10/100/1000 baseT Ethernet; USB port
REX and Contact Sensors	8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
Auxiliary I/O	4 input/output lines with EOL monitoring
Power Supply	Up to 2A @ 12V and 3A @ 24V available for locking hardware
Backup Battery	Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series (not included)

## MECHANICAL

### Dimensions



Weight	Approx. 25 lbs (11.33 kg)
Power Supply	LifeSafety Power® E4 enclosure pre-installed with 24V FP0150 Power Supply, B100 Secondary Power Module, C8 Lock Control Module, and D8P Power Distribution Module
Wiring	Uses RS-485 wiring to connect to the Avigilon Smart Readers EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors

## ELECTRICAL

Input Voltage	120/230 VAC 50/60 Hz
Operating Voltage	12-24VDC
Operating Current	1.8A @ 24VDC with 8 Avigilon Smart Readers 0.7 @ 24VDC with no Avigilon Smart Readers

## ENVIRONMENTAL

Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	5% to 85% relative, non-condensing

## CERTIFICATIONS

CE, IC, FCC, UL294

# ORDERING INFORMATION

PART NUMBER	DESCRIPTION
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SYS-8ENT-DVE4	12/24V 8-Door Flex Power Smart Hub - E4 Enclosure Shipped separately: Avigilon Access Control Core (OP-CR-ACC), Avigilon 8-Port Board (OP-EX-8E)
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# SUPPORT

For more information, visit [avigilon.com](https://www.avigilon.com) or [sales@avigilon.com](mailto:sales@avigilon.com) for product support.



**AVIGILON**