

Avigilon Elevator Smart Hub

Expandable access control for the modern workplace



Smart Hubs are shipped unassembled.

Seamlessly expand your access control with our modular Elevator Core Series Smart Hub that features configurable inputs, encryption at every level and powerful, cloud-based management to enable secure, and dynamic access control for any facility. The 16 I/O Elevator Board includes ports for 2 Avigilon Smart Readers, up to 16 elevator floors, and 16 general purpose voltage inputs. It uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in 24VDC power supply.



CloudSync offline functionality

CloudSync is our offline-first technology, which allows the system to operate even if your internet connection goes down.



Premium hardware for best performance

The Smart Hub features a future-proof Access Control Core that securely makes all entry decisions. It features turnkey configurations with a 24VDC power supply and expansion boards.



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

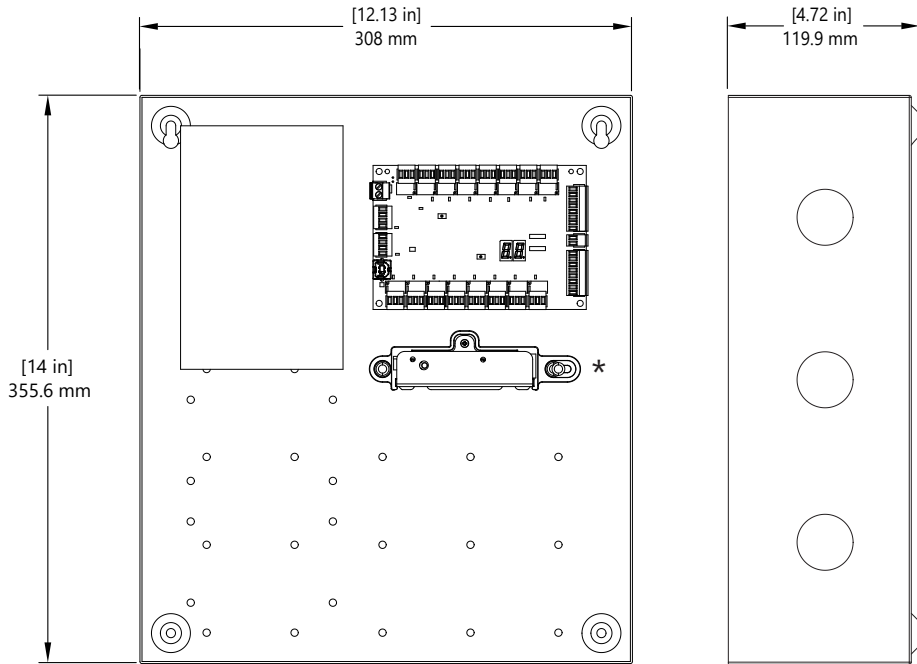
Plug-and-play design allows for easy expansion, customization and mounting, with interoperability to integrate with physical on-premise systems and logical software-based systems.



Lifetime limited warranty

Avigilon's access control hardware is backed by a limited lifetime warranty, helping ensure lasting quality.

Specifications

SYSTEM	
Access Control	Up to 16 elevator floors
Elevator Relays	16 relays, 1A @ 24VDC, 0.3A@110VAC
Avigilon Readers	Up to 2 Avigilon Smart Readers Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
Communication Ports	10/100/1000 baseT Ethernet; USB port TLS 1.2+ encryption between Access Control Core and access control cloud service
Avigilon 16 I/O Elevator Board	16 signal relays and 16 general purpose inputs for elevators or other use cases
General Purpose Inputs	16 inputs, 3V-24VDC
Power Supply	FPV4: 24V @ 3A or 12V @ 4A
Backup Battery	For 24V systems, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series (not included)
MECHANICAL	
Dimensions	 The technical drawing shows the front and side views of the LifeSafety Power E1 enclosure. The front view is a square with a width of 12.13 in (308 mm) and a height of 14 in (355.6 mm). It features a central terminal block, a power supply unit at the bottom, and a mounting bracket. The side view shows a depth of 4.72 in (119.9 mm) and three circular cutouts. A note indicates that the use of a mounting bracket is recommended. *Use of mounting bracket is recommended.
Weight	Approx. 10 lbs (4.5 kg)
Power Supply	LifeSafety Power® E1 enclosure pre-installed with 24V FPV4 Power Supply



ELECTRICAL	
Input Voltage	120VAC, 208/230VAC with cuttable jumper
Input Current	1.8Amp max.
Operating Voltage	12VDC or 24VDC (default)
Operating Current	1.6A @ 12VDC with 2 Smart Readers 0.9A @ 24VDC with 2 Smart Readers (default)
Current for Locking Hardware	12V-only system: 2.5A 24V-only system: 2.1A (default)
ENVIRONMENTAL	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	5% to 85% relative, non-condensing
REGULATORY	
Certifications	CE (Europe), IC (Canada), FCC (United States), NOM (Mexico), RoHS, UKCA (United Kingdom), UL 294*, CAN/ULC 60839-11-1 *Performance Levels: Attack Level I, Endurance Level I, Line Security Level I, Standby Power Level I
WARRANTY	
Avigilon Alta Access Warranty	Lifetime limited; for more information, visit avigilon.com/support/warranty



Ordering information

PART NUMBER	DESCRIPTION
SYS-ELEV-SVE1	Avigilon 24V Elevator Smart Hub - E1 Enclosure Shipped separately: Avigilon Access Control Core (OP-CR-ACC), Avigilon16 I/O Elevator Board (OP-16EM)

Support

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

To learn more, visit:
[avigilon.com/access-control/24v-elevator-core-series-smart-hub](https://www.avigilon.com/access-control/24v-elevator-core-series-smart-hub)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://www.motorolasolutions.com)

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