

[Datasheet](#)[SYS-SENS-SVE1](#)[Alta Access](#)[Alta Protect](#)

Avigilon Sensor Smart Hub

Add more sensors to your system



Smart Hubs are shipped unassembled.

The Avigilon Sensor Smart Hub combines the Access Control Core, the 32-Input Expansion Board, and a power supply in a convenient enclosure. Supporting up to 32 inputs and 2 relays, it serves as your central connection for contact sensors, motion detectors, alarm buttons, lights, sirens, and more. The Access Control Core is used to monitor and manage the inputs and outputs, and is easily configured using the Alta Access web app.



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 manages all 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

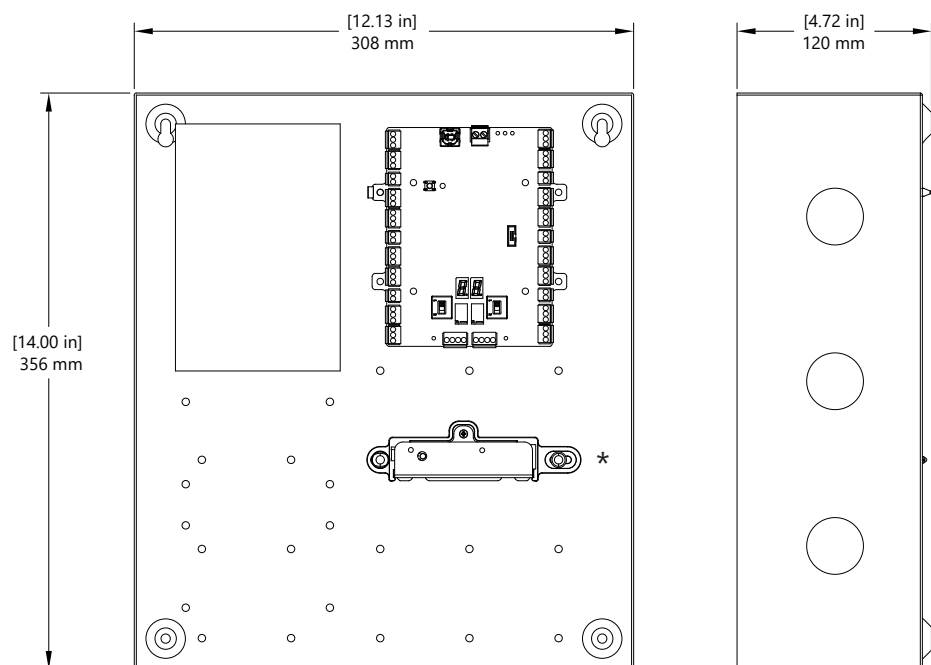
Plug-and-play design allows for easy expansion, customization and mounting, with interoperability to integrate with physical on-premise systems and logical software-based systems.



Lifetime limited warranty

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

Specifications

SYSTEM	
Platforms	Alta Access or Alta Protect
Input Ports	32 inputs with 1k Ohm internal pullup to 5V
Relay Ports	2 wet/dry switch-selectable relays Dry: 1A 24VDC, 0.5A 20VAC Wet: 0.5A each, 12V or 24V (board supply)
USB Ports	1 USB port to communicate with the Access Control Core
Power Out Ports	+12V, 2A total max.
Power Supply	FPV4: 24V @ 3A or 12V @ 4A
Backup Batteries	Use one (12V systems) or two (24V systems) 12VDC sealed lead acid (SLA) or gel cell batteries in series (not included)
MECHANICAL	
Dimensions	 The mechanical drawing shows the top and side views of the device. The top view is a rectangle with a width of [12.13 in] 308 mm and a height of [14.00 in] 356 mm. It features a central component area with various connectors and a mounting bracket at the bottom. The side view shows a height of [4.72 in] 120 mm with three circular cutouts. A note indicates that the use of a mounting bracket is recommended. *Use of mounting bracket is recommended.
Weight	Approx. 10 lb (4.5 kg)
Power Supply	FPV4 (24V DC)



ELECTRICAL	
Input Voltage	120VAC, 208/230VAC with cuttable jumper
Input Current	1.8Amp max.
Operating Voltage	24V DC (default), supports 12V DC
Operating Current	120mA / 70mA @ 12V / 24V (no external load) 3.2A / 2.2A @ 12V / 24V (max. load on wet relays and 12V outputs)
ENVIRONMENTAL	
Operating Temperature	0°C (32°F) to 50°C (122°F)
Operating Humidity	5% to 85% relative, non-condensing
Operating temperature must not be exceeded.	
REGULATORY	
Certifications	ANATEL (Brazil), CE (Europe), FCC (United States), ISED (Canada), KC (South Korea), NOM (Mexico), RCM (Australia, New Zealand), UKCA (United Kingdom), UL 294*, CAN/ULC 60839-11-1, UL60950, UL62368-1 *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-SENS-SVE1	Avigilon Sensor Smart Hub - E1 Enclosure Shipped separately: Avigilon Access Control Core (OP-CR-ACC), Avigilon 32-Input Expansion Board (OP-EX-32S)

Support

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

To learn more, visit:
[avigilon.com/access-control/sensor-smart-hub](https://www.avigilon.com/access-control/sensor-smart-hub)



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