# AVIGILON<sup>®</sup> SINGLE DOOR CONTROLLER

# EXPANDABLE ACCESS CONTROL FOR THE MODERN WORKPLACE



### **OP-CR-SDC**

Avigilon Alta access combines sleek hardware with cloud management and an easy-to-use mobile app, enabling secure remote monitoring and management for operators and streamlined mobile access for credentialed users. The Single Door Controller is a compact access control unit (ACU) for up to two entries and two Avigilon readers. Using Power-over-Ethernet (PoE or PoE+) for power simplifies installation, making it ideal for small offices or decentralized deployments. The Controller securely makes all entry decisions and it's easily set up using the Open Admin app.



#### ALL-IN-ONE DEVICE

Eliminate the need for additional hardware and centralized wiring with the Single Door Controller. This compact ACU supports two readers, two doors, and associated relays and sensors, with power.



#### SIMPLIFIED WIRING

With wired or wireless options and PoE for power, the Single Door Controller streamlines installation. Connect to Readers with CAT 5/6 cables and industry standard RS-485 signaling for communications.



#### FLEXIBLE INSTALL OPTIONS

The Single Door Controller can be wall mounted or installed in a single or double gang box and powered using PoE, PoE+ or an external 12V to 24V supply, making it easy to install almost anywhere.

For more information, visit avigilon.com/access-control/sdc.



#### HIGH-PERFORMANCE HARDWARE

The Single Door Controller uses a next-generation hardware platform with faster processing speeds, more RAM and better support for our 64-bit operating system, enabling future-proof capabilities.



#### EASY MANAGEMENT AND MONITORING

Software runs in the cloud for easy, secure access and remote monitoring, without the need for local servers. Built-in diagnostics and real-time troubleshooting insights streamline management.



#### LIFETIME LIFETIME WARRANTY

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



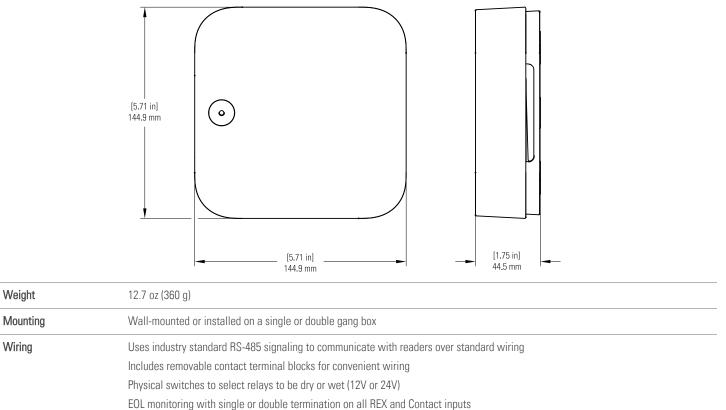
## **SPECIFICATIONS**

#### **SYSTEM**

Access Control	Up to 2 entries and 2 Avigilon Smart Readers
	Removable contact terminal blocks for convenient wiring
Relays	2 relays, 2A @ 24VDC (resistive)
Avigilon Readers	Up to 2 Avigilon Smart Readers
Wiegand Readers	Up to 2 Wiegand Readers
Communication Ports	10/100 baseT Ethernet; 2 USB ports for readers
REX Sensors	2 REX Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
Contact Sensors	2 Contact Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
Tamper Sensor	Detects tamper events when front cover is removed
Backup Battery	May be added to PoE injector or optional external supply
WiFi-enabled	Supports 2.4 GHz and 5 GHz connections

#### MECHANICAL

#### Dimensions



Supply Requirement	PoE, PoE+, or external 12-24VDC
	Note: When using an external supply, if 24V wet relay output is required a 24V external supply must be used.
External Supply Rating	12V @ 2A min. or 24V @ 1A min.
Output Ratings	Power Out can supply up to 100mA @ 12V or 50mA @ 24V
	2 reader ports, max power output: 250mA @ 12V each
	2 relays, max power output: PoE: Max 3W combined output (250mA @ 12V, 125mA @ 24V) PoE+: Max 9W combined output (750mA @ 12V, 375mA @ 24V)
ENVIRONMENTA	L
Operating Temperature	0°C to 50°C (32°F to 122°F)

### **ORDERING INFORMATION**

PART NUMBER	DESCRIPTION
OP-CR-SDC	Avigilon Single Door Controller with support for 2 entries, 2 reader inputs, 2 Wiegand inputs, 2 REX sensors, 2 contacts, 2 output relays

### **SUPPORT**

For more information, visit avigilon.com or sales@avigilon.com for product support.





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