



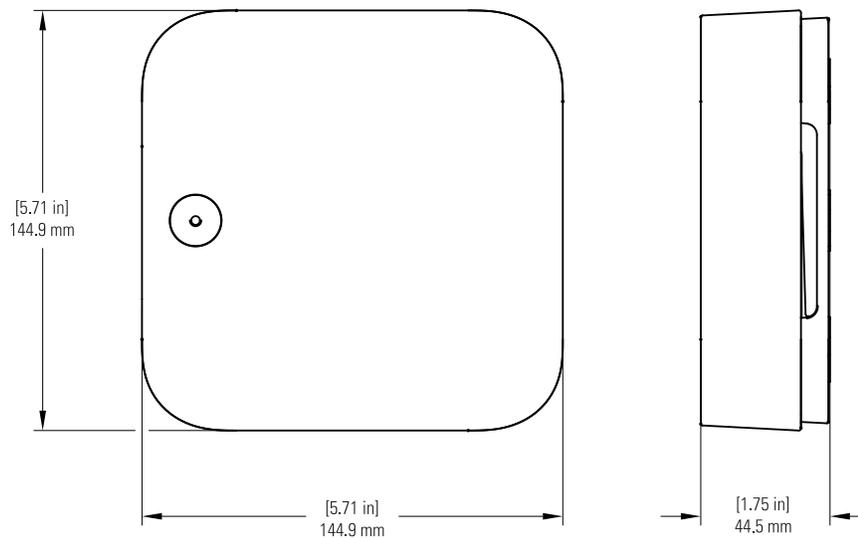
# SPECIFICATIONS

## 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



Weight	12.7 oz (360 g)
Mounting	Wall-mounted or installed on a single or double gang box
Wiring	Uses industry standard RS-485 signaling to communicate with readers over standard wiring Includes removable contact terminal blocks for convenient wiring Physical switches to select relays to be dry or wet (12V or 24V) EOL monitoring with single or double termination on all REX and Contact inputs

## ELECTRICAL

Supply Requirement	PoE, PoE+, or external 12-24VDC <b>Note:</b> 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)

## 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, RCM, UKCA, UL294, UL2043, WEEE

# 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](https://www.avigilon.com) or [sales@avigilon.com](mailto:sales@avigilon.com) for product support.



# AVIGILON