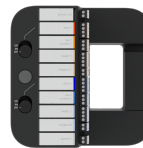# AVIGILON™

Single Door Controller Quick Start Guide

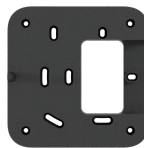OP-CR-SDC

What's Included

Single Door Controller

Cover

Mounting backplate

Drywall anchors

Electrical box screws
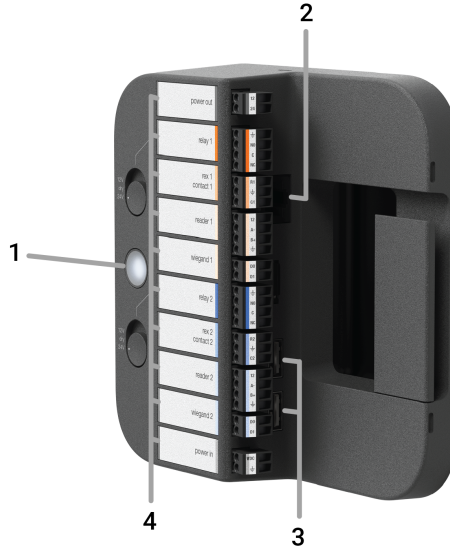

Set screw for securing SDC to backplate

Self-tapping screws

Hex key for set screw

Overview

1	Admin button, Status LED indicator
2	Ethernet port
3	USB ports
4	Port LED indicators

Status LED Indicator

Status LED	Description
Solid white	Normal operation
Solid cyan	Booting
Solid yellow	Restoring software
Blinking yellow	Updating software
Solid blue	Unprovisioned state
Solid purple	Connected to Avigilon Alta Access app
Blinking purple	Ready to connect to Avigilon Alta Access app
Blinking red	No internet
Solid red	Error, see Avigilon Alta Control Center

Port LED Indicators

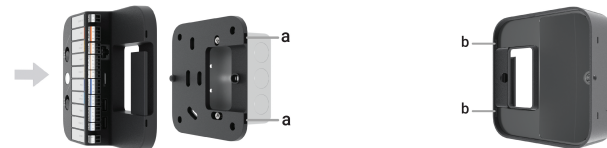| Port LED		Description
Avigilon readers or Wiegand Readers	Solid	Normal operation
	Blinking	Error state
Sensors, including REX and Contact Sensors	Solid	Active
	Blinking	EOL shorted or cut
Lock hardware including relays	Solid	Relay is energized
	Blinking	Fault detection

1 - Mounting

1. Attach the backplate to a single or double gang box using the included electrical box screws (two or four screws, respectively).

> **Tip:** Use the included drywall anchors and self-tapping screws on drywall for added stability.

2. Snap the Single Door Controller onto the backplate. Ensure the side clips on the backplate (a) fit into their notches on the back of the controller (b).

3. Use the included hex key to tighten the pre-installed set screw on the Single Door Controller to secure it to the backplate.

4. Wire the Single Door Controller (see 2 - Wiring). Use the cable slot to hold cables while wiring.

> ⊘ **Warning:** Do not apply power during wiring. Ensure the power supply is unplugged until all wiring is complete.
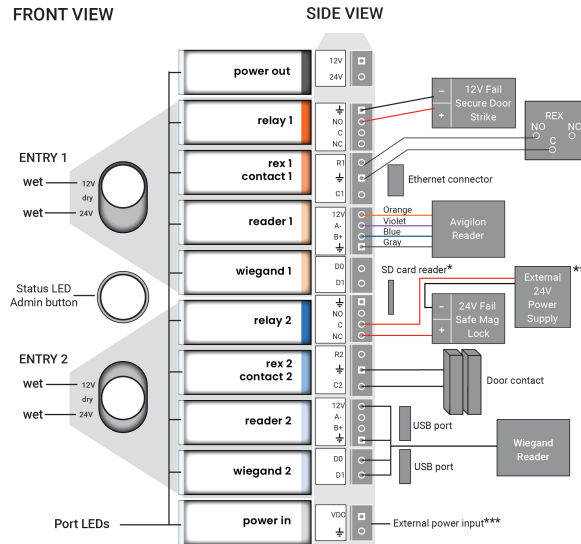
5. Snap on the cover.

> 📝 **Note:** Removal of the front cover will trigger tamper detection during normal operation.

6. Apply power using either DC or PoE.

Example: North American power cord and outlet

2 - Wiring

FRONT VIEW   **SIDE VIEW**

* SD card must not be removed unless instructed by Avigilon Alta Support.
** 24V locking hardware requires PoE or a 24V power supply.
*** For backup or if PoE not available. 12V @ 2.2A (min) or 24V @ 1.1A (min). 24V required if locking hardware requires 24V.

> ⚠ **Caution:** Certified external power source (complies with LPS) must be used.

To power relays without an external supply, select 12V or 24V, and connect locking hardware to NO/NC and **GND** (⏚) to use external power, select DRY and use NO/NC and **C**, and wire to external supply.

> ⊙ **Warning:** Power off the Single Door Controller before changing the voltage of the relays.

3 - Provisioning

1. Before you start, you'll need an Avigilon Alta Control Center user account. To create and register for an account, visit:

   control.openpath.com/login
   control.eu.openpath.com/login

2. Follow the steps in Alta Control Center to create an organization and add devices.

3. To connect devices to an organization, use the Avigilon Alta Access app.

   [Download on the App Store]   [GET IT ON Google Play]

4. In the app, tap **Devices** at the bottom.

5. Tap **Scan for Devices** or ➕ button, and follow the instructions.

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Certifications

CE, IC, FCC, UKCA, RCM, NOM, ANATEL, UL294

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	

For More Information

Scan the following QR codes:

OP-CR-SDC   **Video Library**