



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.



- ## 2 - Wiring

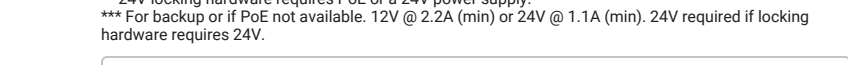


- © 2005 The Authors
 Journal compilation © 2005 Blackwell Publishing Ltd

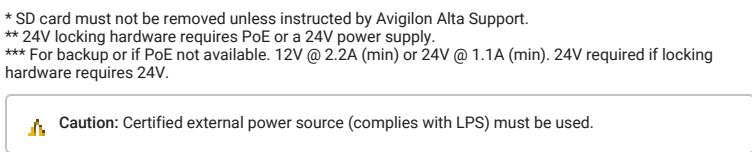


Figure 1: Block diagram of the proposed system. The diagram shows a 'Port I/O' block connected to a 'wireded 2' block, which is connected to a 'power 10' block. The 'wireded 2' block is also connected to a 'J2K card' block, which is connected to a 'Power' block. The 'power 10' block is connected to a 'External power input' block.

- * SD card must not be removed unless instructed by Avigilon Alta Support.



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



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

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

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

Download on the **App Store**  GET IT ON **Google Play**

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

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Industry Canada Notice and Marking

This device complies with theISED radiation exposure limit set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme avec l'exposition aux radiations ISED définies pour un environnement non contrôlé. Cete équipement doit être installé et utilisé à une distance minimum de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The frequency and the maximum transmitted power in EU is listed below.
Bluetooth LE (2402-2480MHz): 2 dBm

 **Caution:** Use only the Power Sourcing Equipment certified by UL 62368-1 (compliant with LPS) for the Single Door Controller (Power Limited/Class2).

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

Scan the following QR codes



QuickStartGuide-OP-CR-SDC-Rev3

© 2024, Avigilon Corporation. All rights reserved. AVIGILON and the AVIGILON logos are trademarks or registered trademarks of Avigilon Corporation. All other trademarks are the property of their respective owners. Unless stated explicitly and in writing, no license is granted with respect to any copyright, industrial design, trademark, patent or other intellectual property rights of Avigilon Corporation or its licensors.