Stream Video Recorder (ADC-SVR210) - Installation Guide

In the box

- ADC-SVR210
- Power adapter
- Ethernet cable
- QR card with code that links to this digital installation guide

Pre-installation checklist

- Stream Video Recorder (ADC-SVR210)
- AC power adapter (DSA-42PFH-12L FCA 120350)
- An Ethernet cable
- A display with an HDMI input (optional)
- An HDMI cable (optional)

- USB keyboard and mouse
- Ethernet connection to broadband (Cable, DSL, or Fiber Optic)
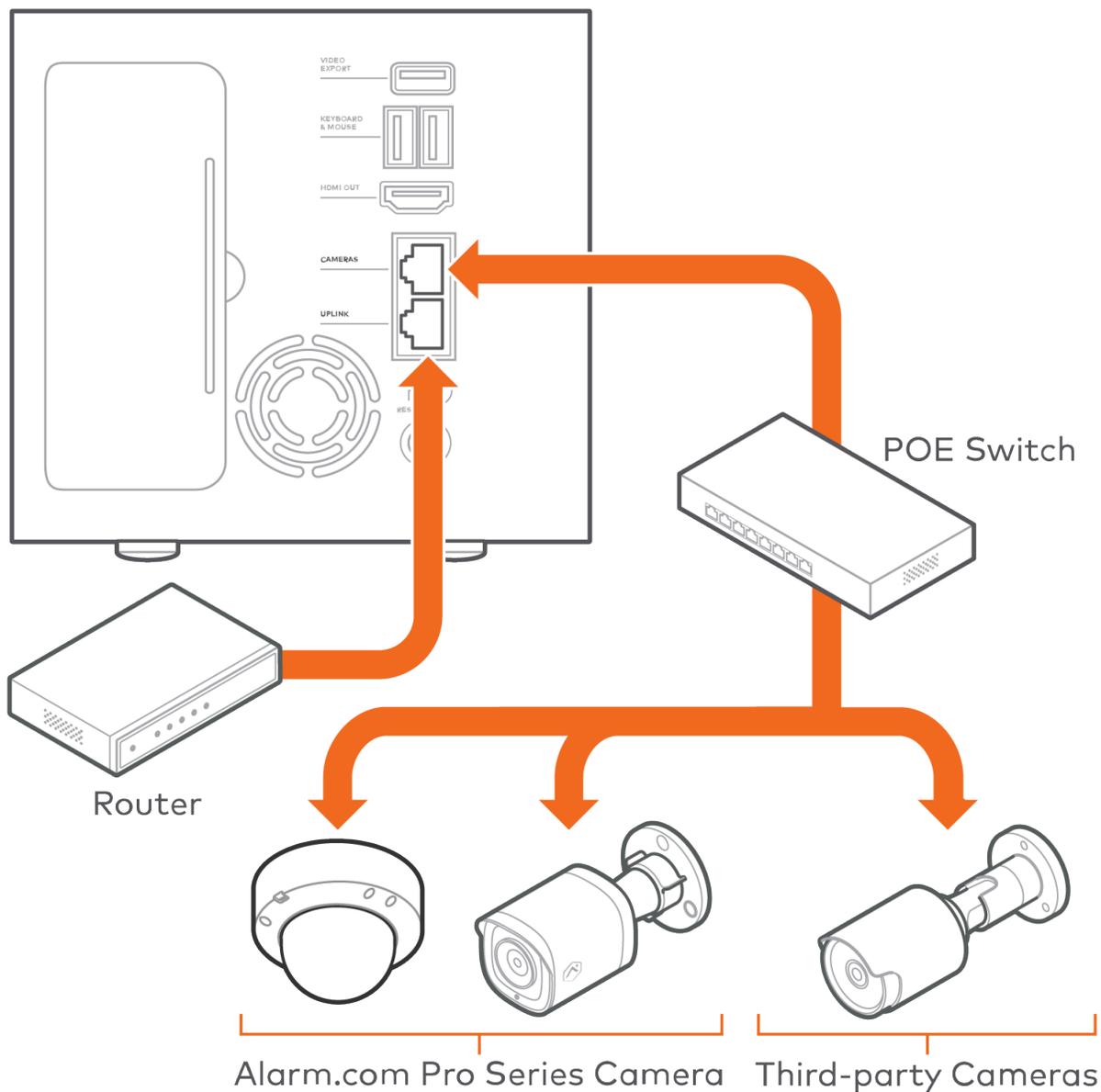- Login and password for the customer account to which you will add the ADC-SVR210

Important: The customer account must have an ADC-SVR210 compatible service package, and an ADC-SVR210 supported camera.

Overview

1. Status LED
2. Video Export USB 3.0 port
3. Keyboard/Mouse USB 2.0 port
4. HDMI port
5. Camera RJ45 port
6. Uplink RJ45 port
7. Reset button
8. DC 12V port input

VIDEO
EXPORT — 2

KEYBOARD
& MOUSE — 3

HDMI OUT — 4

CAMERAS — 5

UPLINK — 6

RESET — 7

POWER — 8
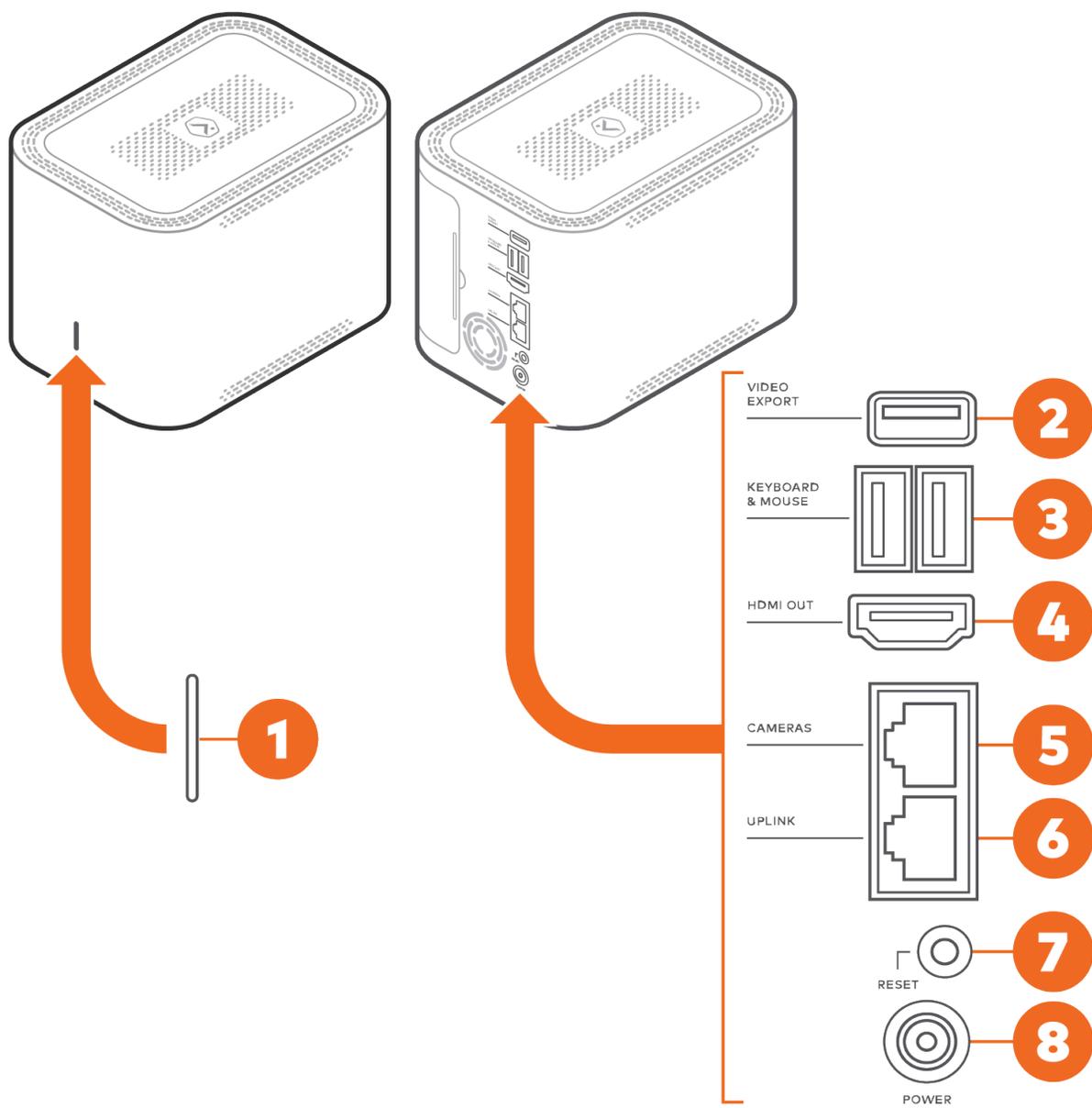
Recommended networking diagram for SVR210

Router

POE Switch

Alarm.com Pro Series Camera   Third-party Cameras

Connect the ADC-SVR210 to a local network

The ADC-SVR210 must first connect to the customer's local network before it can be added to a customer account.

1. Using an Ethernet cable, connect SVR210's uplink port to the network router.
2. Connect the device's AC power adapter and plug it into a non-switched, grounded power outlet.
3. Wait for the device to boot up. A solid green status LED indicates that the device is ready to be added to the account.

Once the ADC-SVR210 is connected to the customer's network and displays a solid green LED, add the ADC-SVR210 to the customer account.

Add the ADC-SVR210 to a customer account

Expand all

To add the ADC-SVR210 to a customer account using the MobileTech app: ⌃

1. Login to the MobileTech app.
2. Select the customer account.
3. Tap +.

4. Tap **Video**.
5. Follow the on-screen instructions to finish adding the ADC-SVR210.

To add the ADC-SVR210 to a customer account using the customer website: ⌃

1. Using a web browser, enter the URL www.alarm.com/addcamera. You will need the customer's username and password if using the customer website.
2. Select the ADC-SVR210 from the video device list or enter its MAC address to begin adding the device. The device's MAC address is located on the bottom of the device or on the packaging.
3. Follow the on-screen instructions to finish adding the ADC-SVR210.

To add the ADC-SVR210 to a customer account using the customer app: ⌃

1. Log in to the customer app. You will need the customer's username and password to log in.
2. Tap ≡.
3. Tap **Add Device**.
4. Tap **Video Camera**.
5. Tap **SVR210**.
6. Follow the on-screen instructions to finish adding the ADC-SVR210.

Associate a video device to an SVR

To associate a video device to an SVR using the MobileTech app:^

Note: When using the MobileTech app, video devices can only be associated during the SVR installation or hard drive configuration.

1. Log into the MobileTech app.
2. Find the customer account.
3. Tap **Equipment**.
4. Tap **Add Devices.**
5. Tap **Video**.
6. First, connect and enroll all video devices to associate with the SVR.
   - For more information about enrolling a video device, see its installation guide in [Video Devices](#).
   - If the device is wireless, see [Recommendations for associating Wi-Fi devices to an SVR](#).
7. Once all video devices to be associated are enrolled in the customer's account, tap **Install** on the SVR to enroll.

   Note: If the SVR or video devices do not appear on the video installation page, enter the MAC address in the *Enter MAC Address* field, and then tap **Install** to enroll the device.

8. Once the SVR is enrolled, tap **Finish Install**.
9. To configure the hard drives, tap **Continue**.
10. Once the hard drives are configured, there is the option to *Connect Cameras*. Tap to select the desired video devices to record to the SVR.

    Note: The maximum number of devices that can be selected is determined by the number of video devices enrolled on the customer account and the number of recording channels available on the SVR/CSVR.

11. To associate (i.e., create a recording schedule for) the selected video devices to record from the SVR, tap **Continue**. Any further changes to the video devices associated with the SVR must be performed using the customer website.

To associate a camera to an SVR using the customer website:^

1. Verify that all of the video devices for the SVR to record from are enrolled on your account.
2. Log into the customer website.
3. Click **Video**.
4. Click **Recording Rules**.
5. Click **Local**.
6. Click **Add New Schedule**.
7. Click **SVR** if there are multiple options to choose from.
8. Click the desired SVR if there are multiple enrolled on the account.
9. Configure the schedule:

a. In *Record from this camera*, click to select the camera to record to the Streaming Video Recorder.

b. Using the *Resolution* dropdown menu, select the resolution if the camera supports it.

c. Using the *Frame Rate* dropdown menu, select the frame rate.

d. Using the *Quality* dropdown menu, select the quality.

e. In *Time Frame,* select a time frame for the rule to be active.

f. To limit the number of days to record:

    i. Click **Advanced Options**.

    ii. Click the *Limit the number of days to record* toggle switch to enable the limit.

    iii. Using the dropdown menu, select the number of days to record.

    Note: Recorded video will still be automatically overwritten if you reach your local storage capacity prior to the day limit.

    iv. Click **Save**.

10. Click **Save Schedule**.

To associate a camera to an SVR using the customer app: ⌃

1. Verify that all of the video devices for the SVR to record from are enrolled on your account.

2. Log into the customer app.

3. Tap **Video**.

4. Tap ✿.

5. Tap **Recording Rules**.

6. Tap **Local**.

7. Tap **Add**.

8. Tap **SVR** if there are multiple options to choose from.

9. Tap the desired SVR if there are multiple enrolled on the account.

10. Configure the schedule:

a. In *Record from this camera*, click to select the camera to record to the Streaming Video Recorder.

b. Using the *At the following frame rate* dropdown menu, select the frame rate.

c. Using the *At this resolution* dropdown menu, select the resolution if the camera supports it.

d. Using the *At this quality* dropdown menu, select the quality.

e. In *During this time frame,* select a time frame for the rule to be active.

f. To limit the number of days to record:

    i. Tap **Advanced Options**.

    ii. Tap the *Limit the number of days to record* toggle switch to enable the limit.

    iii. Using the dropdown menu, select the number of days to record.

    Note: Recorded video will still be automatically overwritten if you reach your local storage capacity prior

to the day limit.

    iv. Tap **Save**.

11. Tap **Save Schedule**.

For more information about associating cameras to an SVR, see [Associate a video device to an SVR](#).

LED guide

LED status	Description
Solid green	Connected to Alarm.com
Blinking green	Local network connection
Solid red	No network connection
Blinking red and green	Factory reset **Caution**: This restores factory-default settings to the device. If already installed, the device may need to be removed from the customer account and re-added after a factory reset. A factory reset will result in loss of all recorded video on the device.
Not illuminated	Powered off

View live and recorded video locally

To view live and recorded video using a local display, you will need to:

- Ensure that you have followed the set-up instructions in this guide.
- Using an HDMI cable, connect the ADC-SVR210 to a television or computer monitor.
- Connect a computer mouse using the USB port on the ADC-SVR210.
- When prompted, enter the Local Device password you created for the device during the install process.

Troubleshooting

- If you have issues connecting the device to the account, power cycle the device (unplug the power jack from the device and then plug it back in to restore power). Check that the Ethernet cable is properly connected, and ensure the network has Internet access.
- If issues persist, reset the device to factory defaults by using the Reset button located on the back of the device:
  - To factory reset the SVR, press-and-hold the rear Reset button for at least 15 seconds, until the SVR Status LED is alternating green and red, then release the Reset button. The device will then reset and reboot itself.
  - The device reboots with factory defaults. If the device was previously installed to a customer account, it needs to be removed before it can be installed again.

    Caution: A factory reset will result in loss of all recorded video on the device.

Questions?

Visit https://alarmcom.force.com/Service/s/

Notices

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: This equipment must be earthed. The power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts.

Rated:

- ADC-SVR210 – DC 12V, 3.5A, 42W

- The NVR is only to be connected to PoE networks without routing to outside plants.

- Ensure that all maintenance and repair work is handled by qualified personnel such as electrical engineers or network specialists.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.