



Onboard Recording with Smart View for video devices

Feature requirements

A service package with Onboard Recording support

- *Commercial Video 8 with Smart View for Onboard Recording*
- *Commercial Video 16 with Smart View for Onboard Recording*
- *Premium Video*
- *Pro Video with Analytics 3000 with Smart View for Onboard Recording**

***Note:** This configuration only supports Onboard Recording for two cameras. All other service package options listed support Onboard recording for all cameras on the account.

A compatible camera

- 1080p Indoor Wi-Fi Camera (ADC-V515) on firmware version 0.0.5.096+
- 1080p Indoor Wi-Fi Camera (ADC-V523) on firmware version 0.6.1.151+
- 1080p Outdoor Wi-Fi Camera (ADC-V723) on firmware version 0.6.1.151+

Note: The firmware for the camera is updated automatically when an Onboard recording schedule is created for it.

A high-quality SD card designed for surveillance

256GB maximum. Supported SD card brands are as follows:

- Micron Industrial Memory cards (128GB and 256GB cards are available to order from the Partner Portal)
- SanDisk High Endurance
- WD Purple micro SD cards



Important: An Onboard Recording Schedule must be created for the camera in order for it to start recording.

Onboard Recording features

Multiple viewing options	View recorded video on the local network (i.e., the same network as the camera) or remotely using a computer, smartphone, or tablet.
Activity timeline	System events, such as Video Analytic-triggered clips, are noted in the playback timeline on the Customer Website.
Rolling recordings	The oldest video content on the card is automatically deleted to make room for new recordings.
Data encryption	Recorded video is encrypted and can only be viewed when the SD card is in the camera that recorded the video. When a brand new Onboard Recording rule is created for a camera, the camera formats the micro SD card. This deletes all data stored on the card including any video recordings from a camera that may have been previously used with the card.
Localized recordings	Each micro SD card records the video footage from the camera it is inserted into. The card can be removed from a camera and placed back in that same camera at a later date. The original data will be retained until the card is full and the oldest data is deleted to make room for the new recordings provided the card does not have data from other devices after being removed from the camera.

Configure Onboard Recording

Install the SD card in the camera

To install an SD card in an ADC-V515: 





1. Verify the device is upgraded to the latest firmware available.
2. Locate the SD card slot on the bottom side of the camera near the QR code and MAC address.
3. Orient the micro SD card with the metal pins facing towards the front of the camera.
4. Insert the SD card into the slot until it clicks.

To install an SD card in an ADC-V523: ✓



1. Verify the device is upgraded to the latest firmware available.
2. Pull open the rubber tab on the bottom side of the camera near the QR code and MAC address.
3. Insert the micro SD card into the slot until it clicks.
4. Replace the rubber cover.

To install an SD card in an ADC-V723: ✓



1. It is recommended to insert the micro SD card before the camera is mounted to minimize the chance of dropping the card. If the camera is mounted, remove the camera in order to more easily access the SD card slot.
2. Unscrew the 2 screws on either side of the door found on the bottom face of the camera near the QR code and MAC address.
3. Carefully lift then rotate the door open to provide clearance for inserting the card into the slot for the SD card. Take care not to tug the door which could separate it from the camera.
4. Insert the micro SD card until it clicks.
5. Replace the door and screw the 2 screws back firmly into place.

Create the recording rule

1. Verify that the micro SD card is inserted into the camera.
2. Log into the Customer Website.
3. Click **Video**.
4. Click **Recording Rules**.
5. Click **Local Recordings**.
6. Click **+ Add New Schedule**.

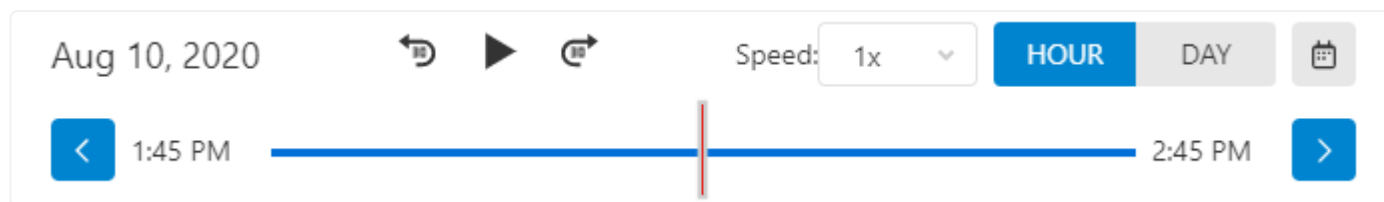


7. Using the *Select a camera to record from* dropdown menu, select the desired device.
8. Using the *Select recording quality* slider, select the desired quality.
9. In *Schedule recording time*, click to select either **At all times** or **Only during the following times**.
 - If **Only during the follow times** is selected:
 - a. Click to select the desired days to record.
 - b. Using the *Starting at* and *Ending at* dropdown menus, select the period to record in hours.
10. To limit the number of days that recordings are kept:
 - a. Click the *Limit the number of days to record* toggle switch to enable a limit.
 - b. Using the dropdown menu, select the desired number of days to limit the recordings to.
11. Click **Save**.

View SD card recorded video

For a detailed list of all available Smart View features, see [View onboard recordings from a camera using Smart View](#).

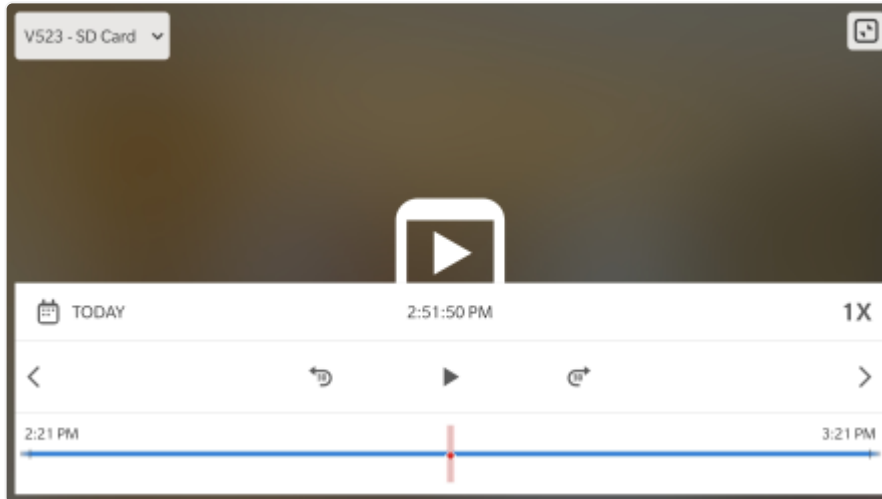
To view Smart View using the Customer Website:



1. Log into the Customer Website.
2. Click **Video**.
3. Click **Onboard Timeline**.
4. Using the video device dropdown menu, select the desired device to play back.
5. Click Ⓞ to stream the device's recorded video.



To view Smart View using the Customer app:



1. Log into the Customer app.
2. Tap ☰.
3. Tap **Video**.
4. Tap **24/7**.
5. Tap 📺.

Frequently asked questions

Can a single SD card record video from multiple devices? ∨

No. The SD card can only record video from the device inside of which it is currently installed.

Are there local network requirements for recording to an SD card like there are for the SVR? ∨

No. The SD card can record video as long as the video device is enrolled and operational.

Can video continue to record to an SD card through network disruptions? ∨

Yes. As long as the video device has power, it can record to an SD card through a network disruption.

