

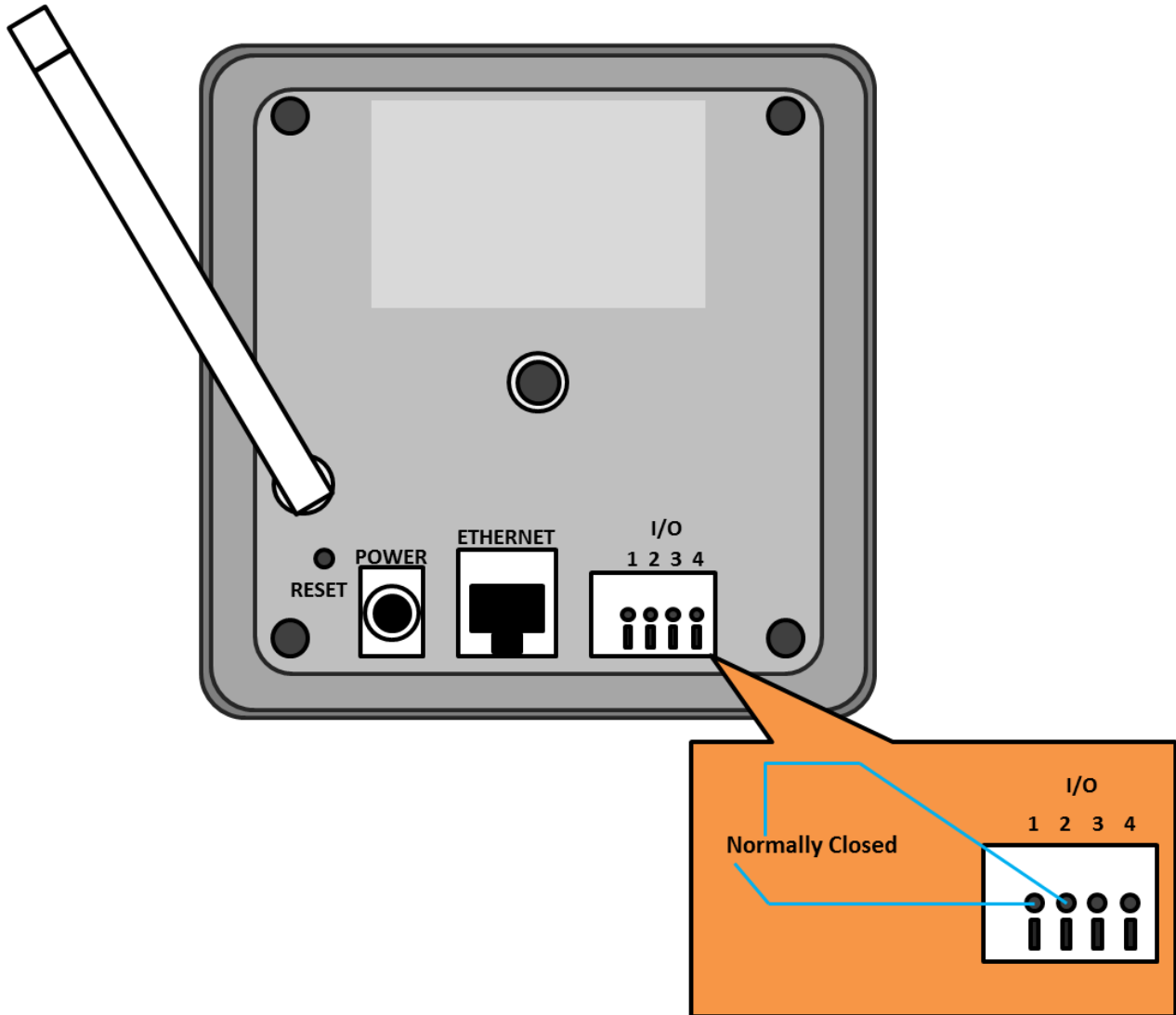
Digital Input Camera Triggers User Guide

ADC-V520 /V520IR Cameras

The digital input camera triggers feature allows hard-wired sensor or security panel outputs to trigger video recordings. This feature is useful for customers who have a non-Alarm.com security panel, want to reduce false triggers, or who don't have a security panel at all. This feature must be enabled on the customer's account through the Alarm.com Dealer Website.

- **Overview**

Camera is triggered by a door, motion, another sensor, or a security panel output which is hard-wired directly to the camera. For wiring purposes, pin "1" is the input pin and pin "2" is the ground pin.



● Enabling I/O Triggered Video Recording

Alarm.com dealers have the option to enable this free feature on any account. If the feature is not enabled on an account, it will not be visible to the customer.

- To enable this feature, log onto the Alarm.com Dealer Website and, from the Customer Support section of the Customers Tab, click on *Service Plan*. From the Customer Service Plan History & Details page, click *Change Service Plan* link. On the Available Service Plans page of the customer's account, check the *Digital Input Triggered Video Uploads* box. Be sure to save this by clicking *Change Plan* at the bottom of the page.

Available Service Plans [?](#)

Customer's Current Service Plan:

Package:	Interactive Gold
Included Features:	User Code Control Remote Arming Sensor Activity Monitoring for 10 sensors Image Sensor Plus
Selected Add-on Features:	Digital-input Triggered Videos emPower Energy Package (Lights + Thermostats) Enterprise Security Console Pro Video Plus emPower Smart Energy Plus 100 Extra Image Sensor Uploads 250 MB of extra video storage Voice Notifications for Alarms

New Service Plan:

Base Package:	Interactive Gold
Included Features:	User Code Control Remote Arming Sensor Activity Monitoring for 10 sensors Image Sensor Plus
Free Add-on Features:	Wireless 2-Way Voice emPower Lights emPower Thermostats emPower Locks emPower Energy Package (Lights + Thermostats)
Video Plan:	Pro Video Plus
Video Monitoring:	Extra Storage: 250 MB
	<input checked="" type="checkbox"/> Digital Input Triggered Video Uploads

● I/O Triggered Recording Schedules

After a customer's account has been enabled with the Digital Input Triggered Video Uploads feature, the customer will be able to create Recording Schedules to record when the connected device is triggered.

- On the Customer Site, select I/O Wired Input when adding a new recording schedule of this type.



Security
Video
Image Sensor
emPower
History
Notifications
Mobile
Profile

Live Video
Saved Video Clips
Recording Schedules
Camera Settings

Add Video Recording Schedule

This Camera should record a clip:

Network Camera

When the following camera trigger occurs:

I/O Wired Input

Video Motion Detection (Configured on the Camera Settings pages)

During these time frames:

At All Times

Only During the Following Times:

Minimum delay between camera-triggered clip uploads:

None

- The list of saved recording schedules will specify the trigger for these devices as "I/O Input", rather than "VMD" (Video Motion Detection), under the Camera-Triggered Recordings heading.

Recording Schedules

Automatically record a video clip if the camera detects motion or if a given security system event occurs during certain time frames. Recorded clips are available for viewing and downloading on the Saved Video Clips page, and alerts are sent to selected recipients whenever a new clip is recorded.

Event	Camera(s)	Time Frame	Notification Recipients	Status
I/O Input	Network Camera	Always	No recipients selected	Active Edit Delete

[Camera Video Motion Detection \(VMD\) settings](#)

- + [Add a System-triggered Schedule](#) ?
- + [Add a Motion-triggered Schedule](#) ?
- + [Add an I/O-triggered Schedule](#) ?

- The digital input can be configured on the main Camera Settings page to trigger when the input is "Open", "Closed", "Opening", "Closing", or "Opening and Closing".

Video Camera Info

Camera: Network Camera Settings: Camera Info

Camera Info

Camera Name: Network Camera

Model: ADC-V520IR

MAC: 0002D11A246B

Private IP Address: 192.168.0.106

Public IP Address: 38.105.120.70

Port: 41470

Firmware Version: IP8136W-ALAM-0100f

Last DDNS update time: Friday, November 2 2012 13:34

Wireless Signal Strength: n/a

Turn off the camera's LED (light) ?

I/O Trigger type: ?

Turn off the camera's IR LEDs (Night Vision) ?

[Advanced Network Setup and Testing](#) ?

[Delete this camera](#) Save

I/O Trigger type dropdown options: Open, Open, Closed, Openings, Closings, Openings and Closings

- **Trigger Type Definitions**

- **Open:** camera uploads clips continuously while the input is open (useful for alarm triggers).
- **Closed:** camera uploads clips continuously while the input is closed.
- **Opening:** camera uploads a single clip when the input changes from “closed” to “open.”
- **Closing:** camera uploads a single clip when the input changes from “open” to “closed.”
- **Opening and Closing:** camera uploads a single clip when the input changes from “closed” to “open” or from “open” to “closed.”

- **Additional I/O Triggered Recording Information**

- Only “ground” and “open circuit” signals should be applied to the digital input, as applying any voltage to the pin will not provide predictable results and may damage the camera.
- The camera will trigger continuously if the connected sensor is left open and the input is set to trigger when “Open” or if the connected sensor is left closed and the input is set to trigger when “Closed” during an I/O triggered recording schedule.
- The duration of I/O triggered recordings is the same as Video Motion Detection triggered recordings (15 seconds by default).