



Image Sensor Version 3 (ADC-IS-300-LP) - Quick Start Guide

Pre-Setup Checklist

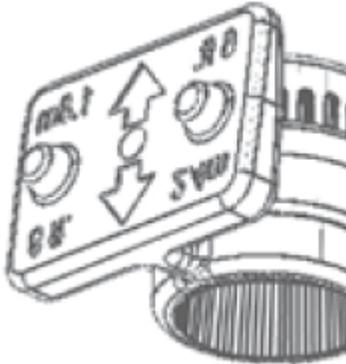
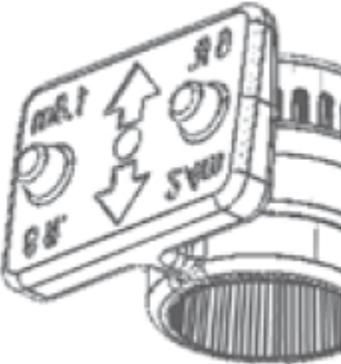
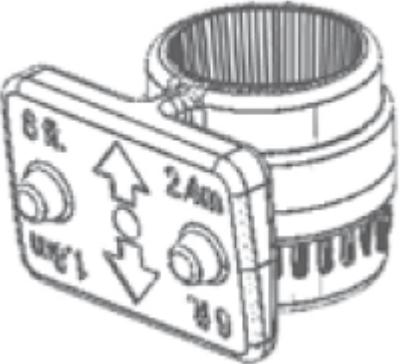
- Image Sensor (included)
- Compatible security panel (additional hardware may be required)
- Alarm.com customer account with a service package that supports the Image Sensor
- Login and password for the Alarm.com account to which you will add the Image Sensor

Panel Enrollment

1. Install the Image Sensor daughterboard inside the customer's security panel (if required for the customer's panel type). See the Daughterboard Installation guide for instructions.
2. Put the security panel in Add mode.
3. Insert the batteries into the Image Sensor. The Image Sensor LED will progress from Blinking Red to Solid Red to Blinking Yellow to Solid Yellow after it has successfully enrolled in the panel. See the [LED Status Chart](#) for details.
4. After the Image Sensor LED has turned Solid Yellow, you must exit Add mode on the panel. The Image Sensor LED will alternate between Green and Yellow while the customer's device list is updated with Alarm.com. The LED will turn Solid Green when the Image Sensor has been successfully added to the customer's account. The Image Sensor is now ready to be tested.

Intended Operation	Pet Immunity	Larger Rooms	Smaller Rooms
Mounting Height	6 Feet	8 Feet	8 Feet
Angle	Shallow, 6°	Shallow, 6°	Deep, 18°



Intended Operation	Pet Immunity	Larger Rooms	Smaller Rooms
	Teeth Up	Teeth Up	Teeth Down
Bracket Orientation			
Coverage Distance	30 to 35 ft.	30 to 35 ft.	15 to 20 ft.

Best Practices for Installing Image Sensor: Do's and Don'ts

DO:

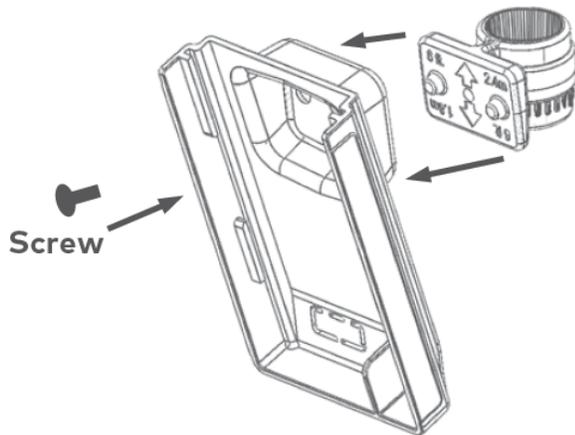
- Center the target capture area in the middle of the frame.
- Enroll and install within 100 ft. of panel. Installation site conditions can reduce range considerably.
- Make sure people will walk across the sensor coverage area instead of directly toward the sensor.
- Avoid backlit conditions (for example, facing a window or other light source) because it may result in poor image quality.

DON'T:

- Set sensor on a flat surface.
- Set sensor across from mirrors or reflective surfaces.
- Face sensor toward or close to areas that have metallic objects or electronics (to avoid interference with RF communication).
- Install in an area where there are obstructions in front of or around the camera lens (for example, walls and ceilings within 90 degrees and 2 ft. around the camera). This type of installation will result in washed out night captures.
- Install outdoors. Sensor is for indoor use only.



2. Choose the applicable mounting bracket and screw the bracket into the back plate of the Image Sensor.



3. Place and secure the Image Sensor on the arm and secure the mounting arm in the desired location.
4. Set the PIR Sensitivity Settings on the Dealer Website or MobileTech. Use the PIR Sensitivity Settings table as a guide.
 - a. On the Dealer Website, click the Image Sensor Configuration & Settings link on the Image Sensor Equipment page.
 - b. In MobileTech, select an Image Sensor from the Equipment List and tap Advanced Settings.

PIR Sensitivity Settings Table

NORMAL	Default setting
HIGH	More sensitive motion profile with potential higher risk of false alarm.
LOW	Less sensitive profile with pet immunity for pets up to 40 lbs.

Verify and Test the Image Sensor

1. Open the Image Sensor Equipment page on the Dealer Website or MobileTech.
2. Look for the word “Yes” in the Image Sensor Equipment List in the “Rules Confirmed” section.
3. Verify that the signal strength of each Image Sensor is at least 30%.
4. Conduct a walk test and test image captures.
5. Test night image captures by darkening the room as much as possible (turn off the lights and close the shades).



LED Reference Guide

Status

Description

Duration



Blinking Red

Sensor Power Up

~3 seconds



Solid Red

Memory Check

~10 seconds



Blinking Yellow

Searching for Unknown Network

~2 minutes



Blinking Green

Searching for Known Network

~2 minutes



Intermittent Rapid Blinking Red

Network Connectivity Error

Continuous

See [Troubleshooting](#)



Status

Description

Duration



Solid Yellow
Sensor Found Network

~5 seconds



Blinking Yellow & Green
Syncing

Up to 5 minutes



Solid Green
Connected and Synced

~5 seconds

LED Status Chart

LED Pattern Key

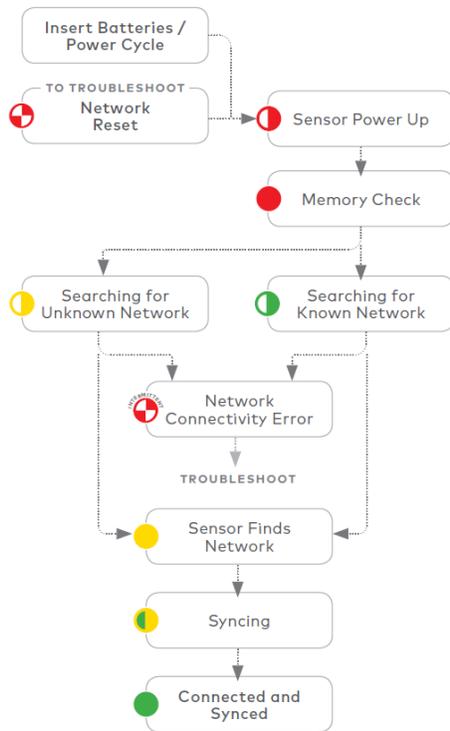
Solid

Blinking

Multi-color Blinking

Rapid Blink





Troubleshooting

Power Cycle

If you have issues connecting the Image Sensor to the account, power cycle the Image Sensor in one of two ways:

1. Take out and reinsert the batteries, or
2. Use a paperclip to quickly press and release the Sensor Reset button. Only press the reset button if the LED has been off for at least 10 seconds and the panel is not in Add mode.

After a successful power cycle, the Image Sensor will enter the Sensor Power Up state (Blinking Red) followed by the memory check state.

Network Reset

If the Image Sensor LED blinks Green for two minutes and then blinks Red continuously, the Image Sensor is already enrolled on a different panel. You must perform a network reset before the Image Sensor can be enrolled in a new panel. To perform a network reset, use a paperclip to press and hold the reset button for a full 10 seconds or until the LED blinks Red rapidly. A successful network reset will result in the LED blinking Yellow after the memory check.





How to Delete an Image Sensor from a System

1. Delete the Image Sensor from the account using the panel's Interactive Services, the Dealer Website, or MobileTech.
2. Perform a network reset of the Image Sensor. You will only be able to do this after step 1 is complete or the Image Sensor is out of range of its current network.

Questions?

Visit www.alarm.com/supportcenter for more information and for translations.

