Alarm.com Image Sensor (ADC-IS-200-IQ)

The Image Sensor (model ADC-IS-200-IQ) is compatible with the Qolsys IQ panel. All communication hardware is built-in to the IQ panel. No additional hardware is required to enroll or use the Image Sensor.

The Image Sensor is a breakthrough new product that combines a PIR (Passive Infrared) motion sensor, an integrated still camera, completely wireless communication, and Alarm.com Interactive Services. The Alarm.com Image Sensor offers an entirely new service to the customer designed to deliver better security through visual verification of alarms and increased engagement through on-demand property views.

It's ETL certified, battery operated and communicates with the customer's security control panel. Swap it for a standard motion sensor in typical installations for increased end user value, and higher account RMR. Integrated with Alarm.com Interactive Services, images are easily accessible to customers. All uploaded images are viewable on the Alarm.com Customer Website or through the mobile apps. Users can even receive images in text or email alerts whenever an image is uploaded—whether in the event of an alarm, or on-demand for important events.

HIGHLIGHTED FEATURES

- ETL certified for UL 639 and ULC S306
- 35 feet by 40 feet detection coverage area
- Remotely configurable PIR sensitivity
  - ◆ Pet immunity, etc.
- Easy installation
  - ◆ Simple panel enrollment
  - ◆ No broadband required; No router configuration
- Tamper detection, walk test mode, supervision
- Color images
- Night vision
  - ◆ IR illumination
  - ◆ Black and white images
- Wireless image transmission to panel
- Wireless image transmission to Alarm.com via cellular networks

PHYSICAL DATA

Dimensions (L x W x H)	3.0" by 1.8" by 1.8"
Enclosure Material	Fire resistant plastic (UL 94)
Enclosure Color	White
Weight	3.1 oz (with batteries, w/o mounting accessories)
Operating Temperature	Indoors (32-110°F for non pet applications; 60-110°F for pet applications)
Humidity	UL certified in up to 85% relative humidity
Static Immunity	Yes
Sealed Optics	No
RFI Immunity	Yes
Tamper Detection	Yes (orientation based detection)

MOTION DETECTION

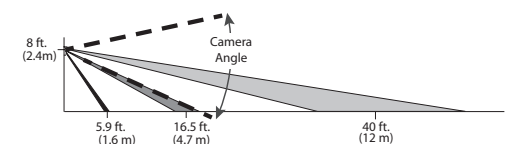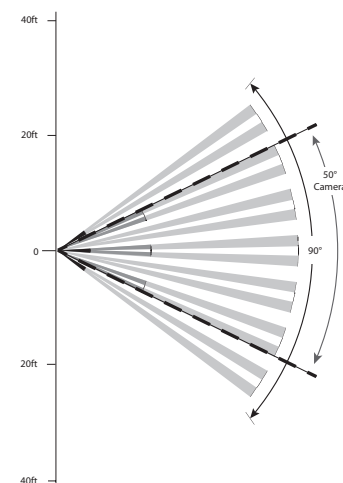|	
Technology	Dual element PIR
Detection Range	35' x 40'
Lens Type	Fresnel lens
PIR Sensitivity	Remotely configurable; 3 levels
Pet Immunity	Yes (up to 40 lbs.)
PIR White Light Immunity	Yes
Walk Test Mode	Yes
Post Activation Idle Time	3 minutes (default when disarmed)

Figure 1. Side View: PIR Lens Coverage

Figure 2. Top View PIR Lens Coverage

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CAMERA

Camera Type	CMOS
Focus	1 ft. to infinity
Night Vision and Capture	Yes- automatic infrared flash (invisible 240mW)
Night Vision Range	Optimal within 15 feet
Minimum Illumination w/o IR Flash	3 lux
Motion Triggered Images	Yes
Images On-Demand	Yes
Built in Image Storage	16 MB

INSTALLATION

Mounting Height	8 feet
Mounting Angle	6°, 12°, or 18° down angle
Mounting Options	Wall mounted w/ bracket (flat or corner mount)

WIRELESS

Frequency	900 MHz
Protocol	802.15.4
Open Air Range	400 feet
Antenna	Internal wire antenna
Wireless Supervision	Yes
Encryption	Yes

REGULATORY COMPLIANCE

FCC	FCC ID: YL6-143IS20
IC	IC ID: 9111A-143IS20
RoHS	Compliant
ETL	Certified for UL 639 and ULC S306 compliance

ELECTRICAL DATA

Operating Voltage	1.8-3.5v
Current Consumption (typical)	<1mA
Power Requirements	2-AA 1.5v Lithium batteries
Recommended Battery	Energizer Ultimate Lithium (included)
Battery Life (typical)	Approximately 2 years

SYSTEM COMPATIBILITY

Control Panel	IQ Panel (all versions)
Image Sensor RF Hardware	Hardware built-in to panel
Alarm.com Base Service Plan	Basic or Advanced Interactive or Interactive Gold (Image Sensor Plus Included) required for image functionality
Alarm.com Add-On	Image Sensor "Alarms" or "Plus" plan required for image functionality
Device Limit	Up to 5 Image Sensors can be added per system

IMAGE SENSOR SERVICE PLAN ADD-ONS

Image Sensor Alarms Plan	Captures motion-activated images during alarms; No limit on number of alarms per month; Up to 5 sets of images per alarm automatically transmitted to customer
Image Sensor Plus Plan*	Includes Image Sensor Alarms Plan; Also adds increased property awareness with images on disarm, on-demand peek-ins, and daily views

* Plus Plan includes 40 uploads/month. Up to 100 additional uploads can be added.

Questions? Contact your Alarm.com Account Executive or Dealer Development Associate. You can also reach Alarm.com Dealer Support at 1-866-834-0470 or support@alarm.com.

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