

SEON

Dome Camera FQ Series Quick Installation Guide



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www.seon.com Part Number: 700-1029 R001



Installation Kit Contents

The FQ camera with IR is ideal for interior facing locations.

- 1 FQ Series camera, including dome, gasket, connector cable
- 1 Local Video Connector cable (1/8" plug to RCA jack)
- 2 #10 1.25" screws with washers
- 1 Security key
- 1 Quick Installation Guide
- 1 Mounting template

1. Choose Camera Location

Determine the location for mounting the camera.

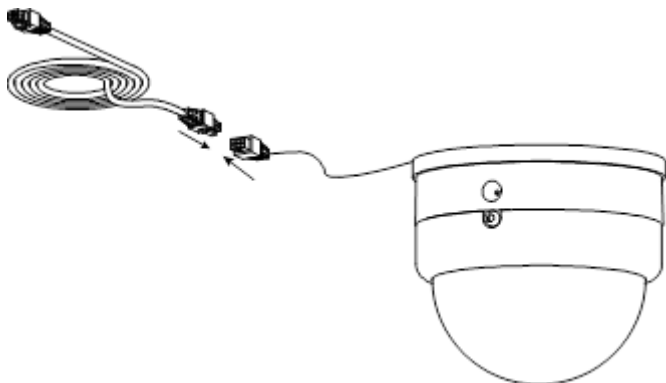
- choose a solid surface to minimize vibration
- choose a location away from access panels, hatches, or doors which may block the camera view
- choose a location away from heat sources

Cameras are usually installed with the cabling running inside the wall panels.

2. Connect the Camera

1. Connect the camera cable to the extension cable. See Figure 1.
2. Connect the extension cable's 2x3 Micro-Fit connector into a digital video recorder (DVR).

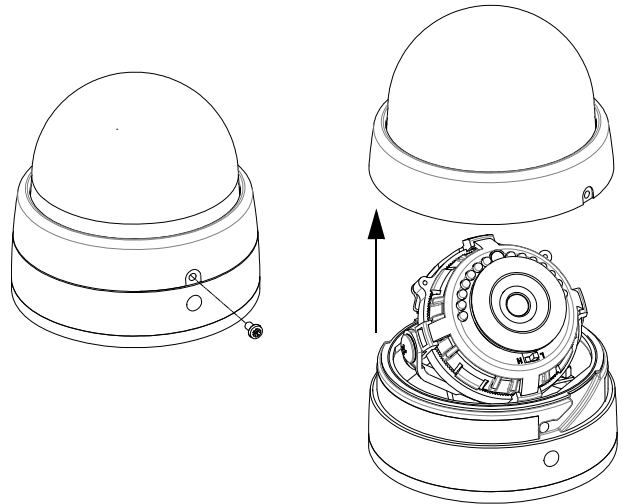
Figure 1



3. Open the Camera

1. Using the security key supplied with the camera, remove the locking screw from the bezel. See Figure 2.
2. Turn the bezel and dome counter-clockwise to release it from the base.
3. Pull the bezel and dome up and away from the base.

Figure 2



4. Install the Camera

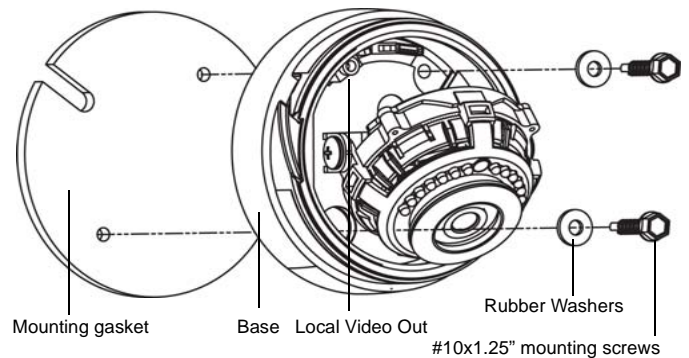


CAUTION: Camera Damage Risk

While installing the camera, do not impact the printed circuit board inside the camera with screws or screwdriver bits. Damage to the camera can occur.

Use the two #10x1.25" mounting screws and the two rubber washers supplied with the camera to attach the camera to a wall or ceiling. See Figure 3.

Figure 3



5. Connect Local Video Out

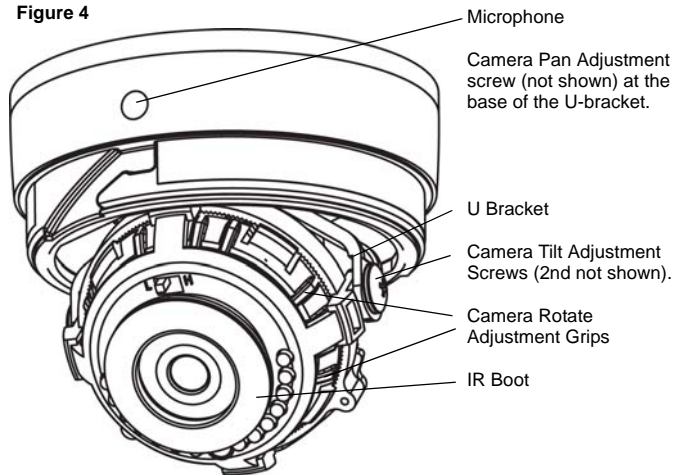
1. Connect the supplied 1/8" plug to RCA jack cable to the Local Video Out socket, shown in Figure 3.
2. Connect the cable to a video monitor to see the camera's line of view while aiming the camera's pan tilt and rotate positions.

The infrared LEDs have a five second lag when turning on or off.

6. Aim the Camera

1. Before adjusting the camera, first loosen the camera's pan, tilt, and rotate adjustment screws.
2. Then adjust the settings to get the required video image using the adjustment controls shown in Figure 4.

Figure 4

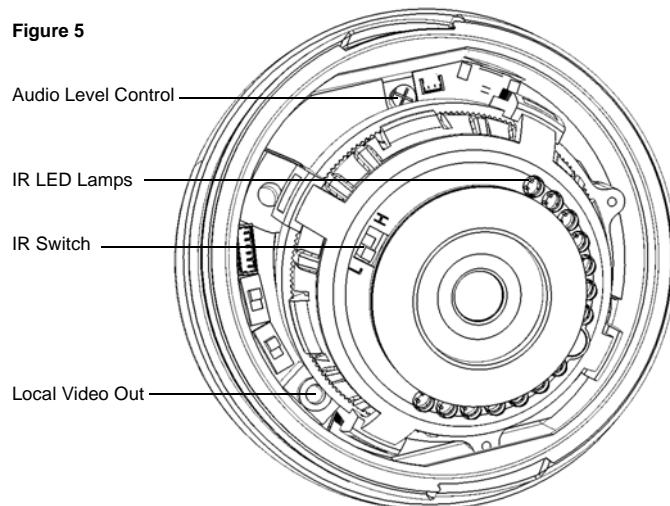


3. Tighten all screws after adjustments are complete. Do not adjust after tightening screws.

7. Configuration Settings

For configuration switch locations, see Figure 5.

Figure 5



Audio Level (Adjust only if necessary)	<ul style="list-style-type: none"> • Clockwise: decrease volume level. • Counter clockwise: increase volume level.
IR Levels	<ul style="list-style-type: none"> • High IR: (default) use for cameras set up to view long range. For example: aisle camera. • Low IR: use for cameras set up to view close range. For example: doorway camera.

8. Replace Camera Dome

1. Fit the bezel and dome onto the base.
2. Turn the bezel clockwise until it snaps into place.
3. Ensure the rubber IR boot around the camera lens is firmly pressed against the inside of the dome.
4. Use the security key to tighten the locking screw.

Replacing a Damaged Dome

1. If the camera dome is damaged or scratched, order a replacement bezel and dome assembly from your camera distributor.
2. To remove and replace the bezel and dome, follow the steps in **3 Open the Camera** and **8 Replace Camera Dome**.

Specifications

Power Consumption	0.9 W (IR off); 2.2 W (IR on)
Operating Voltage Range	11 to 17 VDC (powered by DVR)
Operating Temperature Range	-4 to 140°F (-20 to 60°C)
Horizontal resolution	600 TV Lines
Infrared LED Lamps	14 high efficiency LEDs
Minimum Illumination	0.1 lux at F1.2 (B&W, D/N), 0 lux (IR on)
Enclosure Size	Diameter: 3.75" (95 mm) Height: 3.4" (86 mm)
Enclosure Material	Solid aluminum alloy
Dome	Impact-resistant polycarbonate, anti-glare, scratch-resistant hard coating, UV protected
Connector Cable Length	9.5" (24 cm)
Local Video Out Cable	1/8" (3.5mm) plug to RCA jack
Weight	0.9 lbs (0.4 kg)

Routine Maintenance

Most liquid cleaners or graffiti gel can be used to clean your camera enclosure. Do not use abrasive cleaners that can scratch the window and reduce visibility of the camera.

If the window in your camera is damaged or scratched beyond use, order a replacement window from your camera distributor.

Service and Warranty

For full warranty information, go to www.seon.com

Seon Design Inc. (Seon) warrants the cameras and components listed below against defects in workmanship and materials provided that such defects appear or are discovered within the respective periods specified below and provided further that the purchaser of such products notifies Seon of such defects within thirty (30) days of the appearance or discovery of such defects:

- Three (3) years from date of purchase, parts and labor on all Cameras
- Three (3) years from date of purchase, parts and labor on the Explorer® Premier, DX, TX, EX, MX, and Trooper® TL series mobile DVR Systems
- One (1) year from date of purchase, parts and labor on the Smart Reach® Wireless systems and other Wireless products
- One (1) year from date of purchase, parts and labor on the VML Controller and other VMax Live Plus hardware products
- One (1) year from date of purchase, parts and labor on all other products and accessories

All service/replacement parts and repairs are warranted for a period of 90 days.

If your FQ Series Dome Camera is to be returned to Seon Design for service, please call toll free 1-877-630-7366, or 604-941-0880, and provide the model and/or serial number of your unit. Ask for a Return Authorization (RA) number. An RA number allows the Service Technicians to better track your product when it comes in for service. Please show the RA number on the outside of the package.

ANY PRODUCT SENT TO SEON DESIGN WITHOUT AN RA NUMBER MAY BE REFUSED.

Customer Service Contact Information

Toll free telephone 1-877-630-7366	Local telephone 604-941-0880
Email: service@seon.com	Web: www.seon.com