ENFORCER®

EV-Y6201-A3WQ

4-in-1 HD TVI, CVI, AHD, Analog UFO Camera

Manual

Features:

- Select between multiple formats: TVI, CVI, AHD, and Analog
- 1080p Resolution
- 3.7mm Pinhole lens rotates to nearly any angle for flexible installations
- 3D-NR (3D Digital Noise Reduction)
- DWDR (Digital Wide Dynamic Range)

- Low 0.1Lux rating
- $1/_{2.9}$" 2MP Sony CMOS
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP66) construction
- Small size protrudes only 1" (26mm)
- Low-profile design blends in with nearly any decor

SECO-LARM® **SLI**

FC CE RoHS

Specifications:

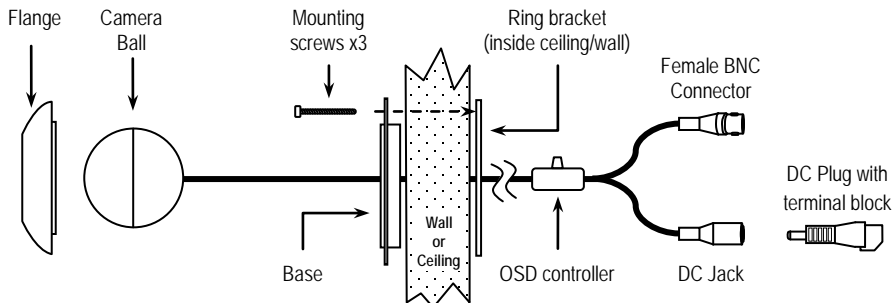| Type	Flush-Mount UFO Camera
Formats	TVI (Default) / CVI / AHD / Analog
CMOS	$^1/_{2.9}$" 2MP Sony CMOS
Resolution (HD)	1920x1080
TV Lines (Analog)	1200TVL
2D-NR	Yes
3D-NR	Yes
DWDR	Yes
OSD (On-Screen Display)	Yes
Cable OSD control	Yes
Video output	1.0Vp-p Complex video output
Megapixels	2MP
Lens	3.7mm Pinhole lens
Viewing angle	80°
FPS	30FPS
F Stop	F1.4
Minimum illumination	0.1Lux
Gamma correction	0-1
S/N Ratio	50dB
DSS (Digital Show Shutter)	Yes
Shutter control	Auto/Manual (x30~1/50000), FLK
Gain control	Yes
White balance	Auto, Day & Night
Operating voltage	12VDC
Current draw	90mA
IP Rating	IP66
Operating temperature	-4°~131° F (-20°~55° C)
Dimensions	3"x3"x1" (77x77x26 mm) (Protruding from wall)
Weight	9.9-oz (280g)

Parts List:

1x UFO Camera	1x Base	3x Mounting screws
1x Flange	1x Ring bracket	1x DC Plug with terminal block
1x Manual		

Dimensions:

Flange   Camera ball   Base   Assembled camera

3" (77mm)   1$^{15}/_{16}$" (49mm)   2$^{13}/_{16}$" (72mm)   2$^1/_4$" (56mm)   1" (26mm)   3" (77mm)

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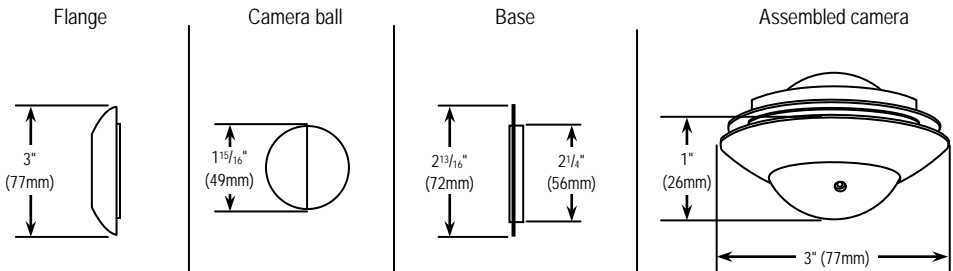
Overview:

Standard Installation:

Flange
Camera Ball
Mounting screws x3
Ring bracket (inside ceiling/wall)
Female BNC Connector
DC Plug with terminal block
Wall or Ceiling
Base
OSD controller
DC Jack

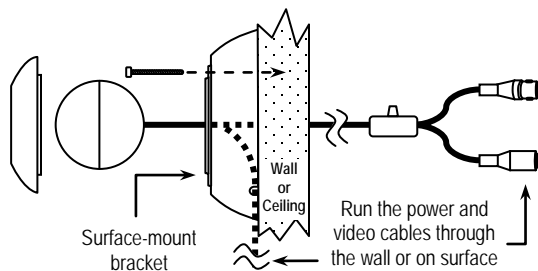**Important:** Do not cut any wires as the warranty will be voided.

Surface-Mount Installation:
Requires the EV-6640SWQ (Sold separately)

Wall or Ceiling
Surface-mount bracket
Run the power and video cables through the wall or on surface

OSD Controller Settings:

To set format via the OSD controller, press the controller in the direction of the desired setting, hold for 5 seconds, and release when the camera restarts. See chart below.
For the full OSD manual visit: www.SECO-LARM.com.

Direction	Format Setting
Up	CVI
Down	TVI
Left	CVBS
Right	AHD

Camera — Power
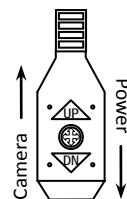
Before Starting:

1. Use the camera within the given temperature and voltage limits.
2. Do not point the camera at the sun. Heat could damage the camera, even when not in use.
3. Do not subject the camera to strong vibrations.
4. Do not mount the camera in areas exposed to radiation, strong magnetic fields, or strong electrical signals.

Installation:

1. Run a 12VDC power supply wire and a video cable with a male BNC connector to the wall or ceiling where the camera is to be mounted.
2. Temporarily connect the camera to the 12VDC power supply.
3. Temporarily connect the camera's female BNC connector to the video cable's male BNC connector.
4. While watching the monitor, hold the camera against the wall or ceiling by hand where it is to be mounted, then turn the camera until it is certain that this mounting location is correct. Use a pencil to mark the location.
5. Disconnect the power supply and video cable.
6. Cut or drill a $2^1/_{16}$" (52mm) hole in the ceiling or wall where the camera is to be mounted.
7. Twist the flange off the base and remove the camera ball.
8. Place the ring bracket behind the hole.
   NOTE: Ring bracket is not necessary if surface-mounted.
9. Push the base into the hole, and secure to the ring bracket using the three supplied mounting screws.
10. Run the power supply and video cable through the wall or ceiling to the hole, and through the bracket and base. Connect to the camera's power and video connectors.
11. Hold the ball in the base, and secure with the flange. Secure the flange partially, leaving room to adjust the angle of the lens.
12. Use the OSD controller's joystick to adjust camera settings (see the separate OSD manual).
13. Apply the power to the camera. Watch the monitor and adjust the angle of the lens.
14. Secure the camera by tightening the flange.
15. Do a final test of the video camera and monitor.

Troubleshooting:

The screen is blank.	• Check that the camera is powered up. • Check that the power supply's polarity is correct. • Check that the monitor is powered up. • Check that the video cable connecting the camera to the monitor is connected properly.
The screen image is dim.	• Clean the lens using a soft, clean cloth. • Check that the light source is adequate.
The screen image has poor contrast.	• Adjust the monitor's contrast knob. • Change the position of the camera.
The screen image flickers.	• Change the position of the camera, check cables and format setting.
The screen image is distorted.	• Change the position of the camera, check cables and format setting.
The camera case is hot.	• Check that the correct power supply is in use.

Optional Surface-Mount Bracket (Sold separately):

Surface-mounting allows for a quick and easy installation while maintaining a low-profile appearance.

Diameter: $4^5/_{16}$" (109mm)

Height (with camera): $2^3/_8$" (60mm)

EV-6640SWQ

WARNING: Stop using the camera if you see a malfunction such as smoke or unusual heat, as it could cause fire or electric shock. Do not open the case of this device, as there are no user-serviceable components inside.
Do not cut any wires as the warranty will be voided.

IMPORTANT: Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or statutes.

FCC COMPLIANCE STATEMENT
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for three (3) years from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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