ENFORCER®

EV-Y2501-AMWAQ
4-in-1 HD TVI, CVI, AHD, Analog Vandal Dome Camera
Manual

Features:

- ICR Module
- D-WDR (Digital Wide Dynamic Range)
- Joystick OSD control
- Heavy-duty vandal-resistant design

- Rugged, weatherproof (IP66) construction
- Split-glass design eliminates IR reflection
- Cables concealed in bracket to prevent tampering

SECO-LARM® **SLI®**

FC C€ RoHS

Specifications:

Housing Color		White
Type		Vandal Dome
Formats		TVI (Default) / CVI / AHD / Analog
CMOS		$1/_{2.7}$" 5MP CMOS
Resolution (HD)		2592x1944
3DNR		No
2DNR		Yes
D-WDR		Yes
OSD (On-screen display		Yes
Cable OSD Control		Yes
Megapixel		5MP
Lens		2.8~12mm ICR
Viewing angle		38°~138°
# of IR LEDs		24 (SMT)
IR Range		Up to 98ft (30m)
FPS		20FPS
F Stop		F2.0
Minimum illumination	IR On	0Lux
	IR Off	0.05Lux
S/N Ratio		35dB
Shutter control		Auto
Gain control		Auto
Operating voltage		12VDC
Current draw	IR On	320mA
	IR Off	80mA
IP rating		IP66
Operating temperature		-22°~131° F (-30°~55° C)
Dimensions		ø5$^{13}/_{16}$"x4$^5/_8$" (ø147x117 mm)
Weight		2-lb 35-oz (1067g)

Parts List:

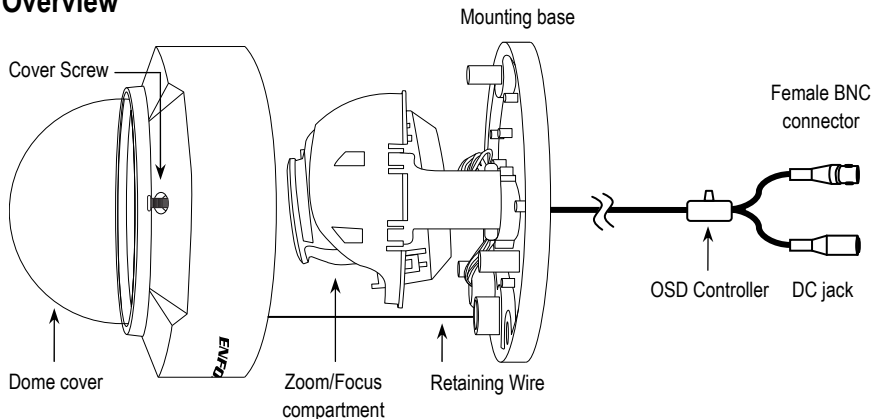|					
1x	Vandal-dome Camera	4x	Mounting screws	1x	Hex Wrench
1x	Manual	4x	Screw anchors	1x	OSD Manual

Dimensions:

ø5$^{13}/_{16}$" (ø147mm)

4$^5/_8$"
(117mm)
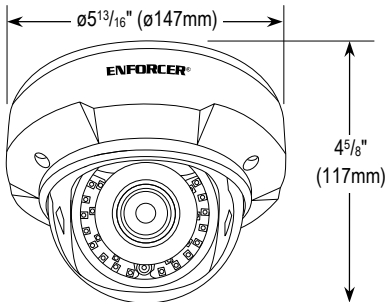
Adjusting the 2-Axis Gimbal:
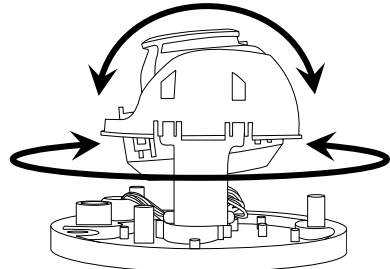
Move the camera vertically up and down or rotate the camera to change the lens angle.

Overview

Mounting base

Cover Screw

Female BNC connector

ENFO

Dome cover   Zoom/Focus compartment   Retaining Wire   OSD Controller   DC jack

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

Zoom and Focus Adjustment:

To adjust the zoom and focus, open the Zoom/Focus compartment located in the camera body. Use a flathead screwdriver to loosen the zoom and focus screws to allow for adjustment.
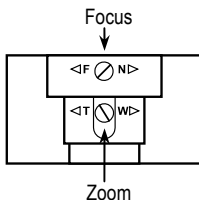
Focus

To focus in on close objects, push the focus screw right towards "N". To focus out on far objects, push the screw right towards "F".

Zoom

To zoom in, push the zoom screw left towards "T". To zoom out, push the screw right towards "W".
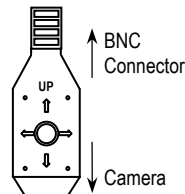

Focus

◁F ⊘ N▷

◁T ◯ W▷

Zoom

OSD Controller Settings:

To set format via the OSD controller, move the controller in the direction of the desired setting, hold for 5 seconds, and release when the camera restarts.

See chart below.

Direction	Format Setting
Up	AHD
Down	CVBS/Analog
Left	TVI
Right	CVI

BNC Connector

UP

Camera

NOTE: Do not press joystick in when setting different modes.

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. Undo the 4 screws on the side of the dome cover using the included hex wrench.
2. Remove the dome cover from the base.
3. Temporarily connect the camera's female BNC connector to a monitor.
4. Temporarily connect the camera's DC jack to a 12VDC power supply.
5. While watching the monitor, hold the camera against the wall or ceiling by hand where it is to be mounted, then adjust the camera until it is certain that the mounting location is correct. Mark that location with a pencil.

6. Adjust the zoom and focus to desired settings. See "Zoom and Focus Adjustment".
7. Use the OSD controller's joystick to adjust the camera settings. See "OSD Controller Settings". (For more information, see separate OSD manual).
8. Mount the camera mounting base to the wall using the included mounting screws, making sure the bottom of the base sits flush against the wall.
9. Run a hidden, permanent video cable from the monitor to the camera.
10. Run a hidden, permanent power cable from a 12VDC power supply to the camera.

Installation:

11. If the installation involves surface wiring, use the wiring notch located on the side of the mounting base.
12. Reattach and secure the dome to the mounting base.
13. Test the camera again under the exact lighting conditions in which it is expected to be used.
14. Make any necessary adjustments to the camera angle by gently twisting the camera on its axes.
15. Do a final test of the video camera and monitor.

Troubleshooting:

The screen is black	• 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 image is foggy or washed out at night	• Check that there are no objects very close to the camera • Check that there are no highly reflective objects in the scene
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
IR LEDs do not turn on	• Check that the correct power supply is in use

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.

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