

ENFORCER®

Wall-Plate Cameras Manual



Wide Angle Camera

Model #	Lens	Image Sensor	Resolution	Video Output Format
EV-5105-N1SQ	2.4mm	1/3.2" 1.3MP Sony STARVIS CMOS	1000TVL	NTSC
EV-T5105-N2SQ			720p	HD-TVI

Features:

- 1/3.2" 1.3MP Sony STARVIS CMOS
- 2.4mm Wide angle lens
- Weatherproof construction
- Vandal-resistant design
- Adjustable mounting angle
- Includes: 1 camera, 1 single-gang plate, 1 slimline plate, and angled mounting rings
- 2DNR (2D Digital Noise Reduction)
- WDR (Wide Dynamic Range)
- 12VDC Operating voltage

ENFORCER Wall-Plate Cameras

Specifications:

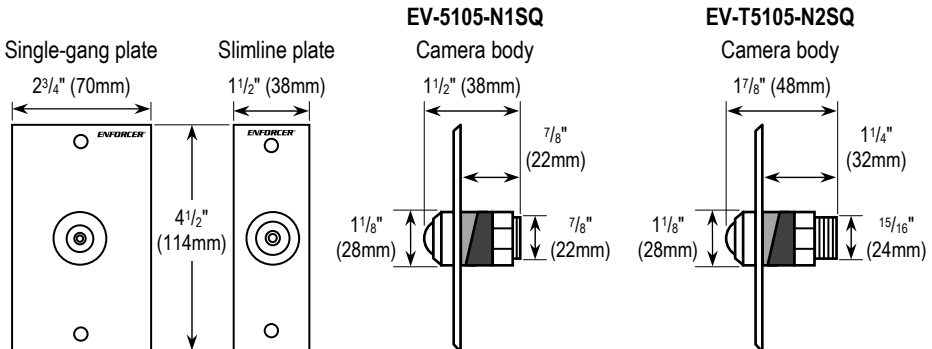
Model	EV-5105-N1SQ	EV-T5105-N2SQ	
Type	Wall-plate camera		
Plate type	1 Single-gang, 1 slimline		
Image sensor	1/3.2" 1.3MP Sony STARVIS CMOS		
Resolution	1000 TV Lines	720p	
Video output format	NTSC	HD-TVI	
Effective pixels	1280x960		
2DNR	Yes		
WDR	Yes		
960H*	Yes	No	
Scanning system	2:1 Interface		
Sync	Internal		
Video output	1.0Vp-p Composite video, 75Ω		
Lens	2.4mm		
Viewing angle	150°		
FPS	30FPS		
F Stop	2.2		
Minimum illumination	0.001Lux		
Gamma correction	0.45		
S/N Ratio	120dB	50dB	
Gain control	Auto		
Operating voltage	12VDC		
Current draw	80mA	90mA	
IP Rating	IP67	IP65	
Operating temperature	-22°~176° F (-30°~80° C)		
Dimensions	Camera	1 1/8"x1 1/8"x1 1/2" (28x28x38 mm)	1 1/8"x1 1/8"x1 7/8" (28x28x48 mm)
	Single-gang plate	2 3/4"x4 1/2" (70x114 mm)	
	Slimline plate	1 1/2"x4 1/2" (38x114 mm)	

*In order to take full advantage of 960H resolution, the camera must be used with a 960H DVR

Parts List:

1x Camera	1x Angled rubber ring (EV-5105-N1SQ)	1x Slimline plate
2x Mounting screws	1x Angled aluminum ring (EV-5105-N1SQ)	1x Single-gang plate
1x Aluminum hex nut	2x Angled aluminum rings (EV-T5105-N2SQ)	1x Manual

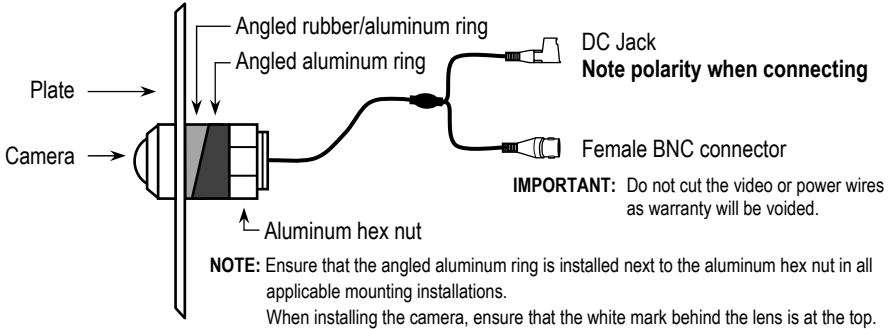
Dimensions:



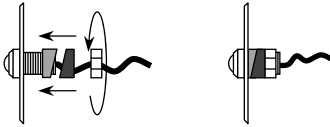
Before Starting:

1. Read this manual carefully and keep it for future reference.
2. Use the camera within given temperature and electrical limits.
3. Do not point the camera at the sun. Heat could damage the camera, even when not in use.
4. Do not mount the camera in areas exposed to radiation, strong magnetic fields, or strong electrical signals.
5. Do not open or disassemble the camera. There are no user-serviceable parts inside.
6. Do not subject the camera to extreme shock.

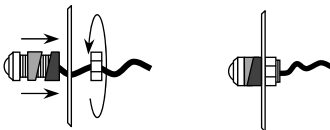
Overview:



Mounting the Camera to the Plate:

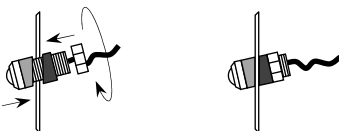


To mount the camera to the plate, position the angled rings behind the plate and twist the aluminum hex nut on to secure the plate to the camera.



If an object installed next to the camera on the wall is blocking the field of vision, the angled rings may be installed in front of the wall plate to move the field of vision forward.

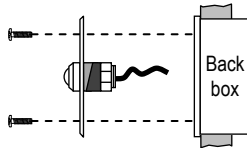
Changing the Mounting Angle:



Install one of the angled rings on the front of the plate so that the camera is tilted (approximately 20°).

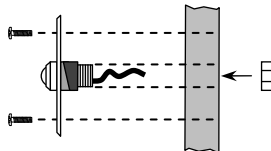
Mounting Options:

With Plate and Back Box (suggested):



Mount directly to the back box (not included).

Plate, no Back Box:



Drill a hole in the wall according to the diameter of the camera body. Mount the plate directly to the wall.

No Plate and no Back Box:

Min. wall thickness: 5/16" (8mm)

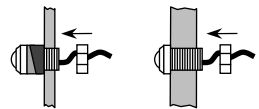
Max. wall thickness:

EV-5105-N1SQ:

3/4" (20mm)

EV-T5105-N2SQ:

1 5/16" (34mm)



Drill a hole in the wall according to the diameter of the camera body. If mounting to a thick surface, it may not be necessary to use the angled rings.

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Troubleshooting:

The screen is blank	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Clean the lens using a soft, clean cloth
The screen image has poor contrast	<ul style="list-style-type: none">• Adjust the monitor's contrast knob• Change the position of the camera
The screen image flickers	<ul style="list-style-type: none">• Change the position of the camera
The screen image is distorted	<ul style="list-style-type: none">• Change the position of the camera
The camera case is hot	<ul style="list-style-type: none">• Check that the correct power supply is in use

Also Available from **SECO-LARM®**:

4-in-1 HD Motorized Rollerball Camera



EV-Y2201-ANWQ

4-in-1 HD Motorized Bullet Camera



EV-Y1201-ANWQ

4-in-1 HD Motorized Vandal Dome Camera



EV-Y2201-ANWAQ

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.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year 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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