

ENFORCER[®] VIDEO

MANUAL



**1/3" Sony CCD Color • IR Day/Night • Weatherproof
24 LEDs • Up to 50ft (15m) Range • Split-Glass Technology**

#	Model Number	Case Color	Lens Size	Viewing Angle	Resolution (TV Lines)
---	--------------	------------	-----------	---------------	-----------------------

420 TV Lines

1	EV-1026-N2GQ	Dark Gray	2.9mm	120°	420
2	EV-1026-N3GQ	Dark Gray	3.6mm	92°	420
3	EV-1026-N6GQ	Dark Gray	6.0mm	53°	420
4	EV-1026-N2SQ	Silver	2.9mm	120°	420
5	EV-1026-N3SQ	Silver	3.6mm	92°	420
6	EV-1026-N6SQ	Silver	6.0mm	53°	420

540 TV Lines

1	EV-1606-N2GQ	Dark Gray	2.9mm	120°	540
2	EV-1606-N3GQ	Dark Gray	3.6mm	92°	540
3	EV-1606-N6GQ	Dark Gray	6.0mm	53°	540
4	EV-1606-N2SQ	Silver	2.9mm	120°	540
5	EV-1606-N3SQ	Silver	3.6mm	92°	540
6	EV-1606-N6SQ	Silver	6.0mm	53°	540

SLI[®] SECO-LARM[®]



Note: Model numbers that end with "Q" or that have a round green "Q" sticker signify RoHS-compliant products.

ENFORCER 24 LED CCD IR DAY/NIGHT CAMERA MANUAL

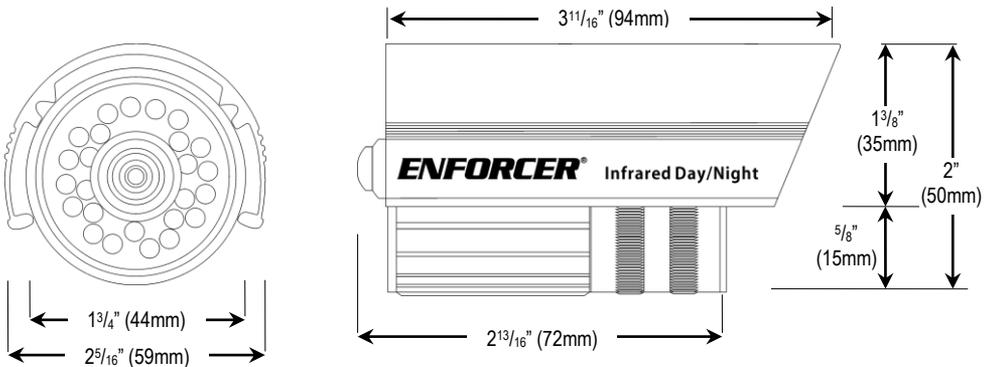
Specifications	1026-N2GQ 1026-N2SQ	1026-N3GQ 1026-N3SQ	1026-N6GQ 1026-N6SQ	1606-N2GQ 1606-N2SQ	1606-N3GQ 1606-N3SQ	1606-N6GQ 1606-N6SQ
Type	IR bullet camera					
CCD	1/3" Sony Super HAD					
Resolution	420 TV lines			540 TV lines		
Pickup elements	510x492 pixels			768x494 pixels		
Sync	Internal					
Video output	1.0Vp-p composite video, 75Ω					
Video output format	NTSC*					
Lens size	2.9mm	3.6mm	6.0mm	2.9mm	3.6mm	6.0mm
Viewing angle	120	92	53	120	92	53
Minimum illumination	0.05-lux (with LEDs off) 0-lux (with LEDs on)			0.02-lux (with LEDs off) 0-lux (with LEDs on)		
Gamma correction	0.45					
S/N ratio	>48dB					
Shutter control	Auto Electric Shutter (AES)					
Gain control	Auto					
IP rating	IP66					
# of infrared LEDs	24 (850nm)					
LED range	Up to 50ft (15m)					
Operating voltage	12VDC ±10%					
Current draw	70mA (LEDs off) 250mA (LEDs on)			90mA (LEDs off) 250mA (LEDs on)		
Operating temperature	-4 ~122 F (-20 ~50 C)					
Dimensions	3 ¹¹ / ₁₆ "x2 ⁵ / ₁₆ "x2" (94x59x50 mm) with sunshield					
Weight	10-oz (280g)					

*PAL versions also available.

Dimensions:

Parts List:

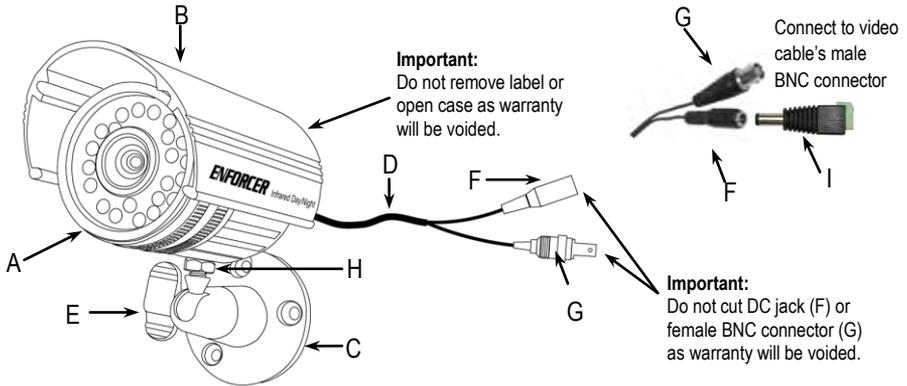
- 1 x Manual 1 x Sunshield 3 x Mounting screws 1 x DC plug with terminal block
 1 x IR camera 3 x Mounting bracket 3 x Screw anchors



ENFORCER 24 LED CCD IR DAY/NIGHT CAMERA MANUAL

Overview:

- | | | | |
|-------------------------|--------------------|-------------------------------------|--------------------------------|
| A. Camera | D. 36" (0.9m) cord | I. Female BNC connector (video out) | G. Adjustment nut |
| B. Adjustable sunshield | E. Thumb screw | | H. DC plug with terminal block |
| C. Mounting bracket | F. DC jack | | |



Before Starting:

1. Please read this manual carefully and keep it for future reference.
 2. Use the camera within given temperature and electricity limits.
 3. Do not aim the LED light directly at the eyes when the LEDs are on.
 4. Do not point the camera at the sun. Heat could damage the camera, even when not in use.
 5. Do not mount the camera in areas exposed to radiation, strong magnetic fields, or strong electrical signals.*
 6. Do not open or disassemble the camera. There are no field serviceable parts inside.
 7. Do not drop the camera or subject it to strong vibrations.
- *Note: Many video monitors produce strong electromagnetic fields close to the display CRT, especially when the monitor is turned on or during de-gaussing, which occurs automatically with many monitors when the monitor is turned on.

Installation:

1. Run a 12VDC power-supply wire and a video cable with a male BNC connector through the wall to where the camera is to be mounted (if necessary).
2. Assemble the mounting bracket; then screw it into the back of the camera. Tighten the adjustment nut.
3. Temporarily connect the camera to the 12VDC power supply. **Do not cut DC jack or female BNC connector as warranty will be voided. If needed, use the included SECO-LARM DC plug with terminal block.**
4. Temporarily connect the camera's female BNC connector to the video cable's male BNC connector.
5. While watching the monitor, hold the camera bracket by hand against the wall where it is to be mounted, then twist the camera until it is certain that this mounting location is correct. Use a pencil to mark the location of the three screw holes in the bracket.
6. Disconnect the 12VDC power supply and video cable.
7. Mount the bracket to the wall using the three included mounting screws. If the wall is made of drywall, brick, or similar material, it may be necessary to use the three included screw anchors.
8. Reconnect the 12VDC power supply and video cable. Turn the monitor on and make sure the camera is sending the proper video signal.
9. To adjust the camera angle, loosen and tighten the bracket's thumb screw. Turn the camera and change its angle relative to the bracket until the desired scene is displayed.
10. Do a final test of the video camera and monitor.

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.• Check that the light source is adequate.
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.
IR LEDs do not turn on.	<ul style="list-style-type: none">• 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.

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 field serviceable components inside.

FCC COMPLIANCE STATEMENT

Information to the user: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for a period of one (1) year from the date of sale to the original consumer 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 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 damages of any kind to the purchaser or anyone else.

NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors.

Copyright © 2009 SECO-LARM U.S.A., Inc. All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of SECO-LARM.

SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606

Tel: 800-662-0800 / 949-261-2999 Fax: 949-261-7326

Website: www.seco-larm.com

E-mail: sales@seco-larm.com

 PICSN4
mi-EV-1026_EV-1606.docx
Made in China