



**NAPCO®**

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# NAPCO ISEE-CAMIR24 Day and Night IR Bullet Camera

OI340 10/07

## FEATURES

- Day and night features for 24-hour surveillance
- Standard horizontal resolution and high quality picture
- 3.6 mm / F2.0 Standard Lens
- Minimum Illumination: 0.6 Lux / F2.0, 0 Lux (IR LED's On)
- 24 IR LED's with an effective range of 15 meters (50')
- 1/4" Color CCD image sensor
- 12VDC Operation
- Multi-directional mounting bracket allows installation of the camera virtually on any surface
- IP68 standard approved weather resistant housing

## INSTALLATION

The parts of the ISEE-CAMIR24 are as follows:

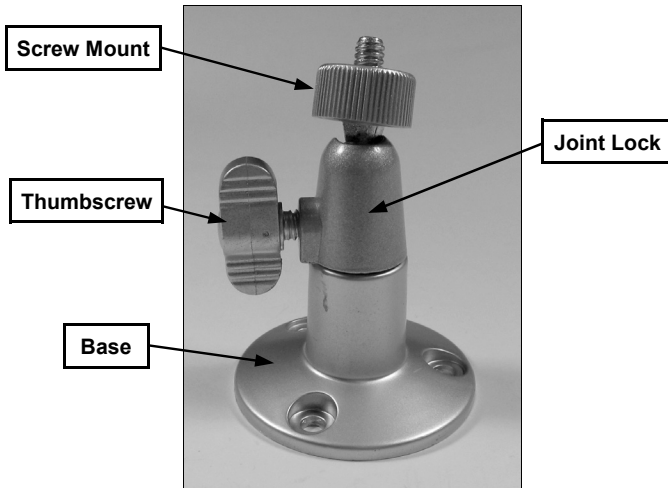


Fig. 1: Mounting Bracket

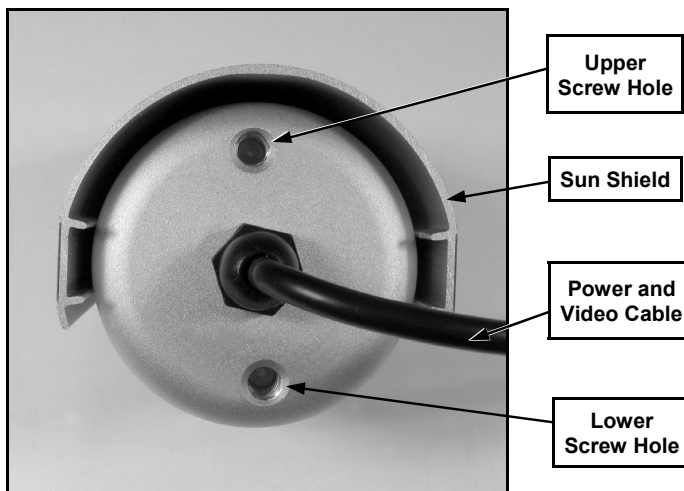


Fig. 2: Camera Rear

1. The mounting bracket can be attached directly to a wall (see Fig. 3) using the three supplied mounting screws. Drill a hole in advance for the power and video cable to pass through later (arrow).



Fig. 3: Mount directly to a wall. Drill a hole in advance for the power and video cable to pass through later (arrow).

2. Disconnect the base by turning the thumbscrew counter-clockwise. Insert the screw mount into one of the screw holes in back of the camera and turn the screw mount clockwise to tighten (see Figs. 4 & 5).

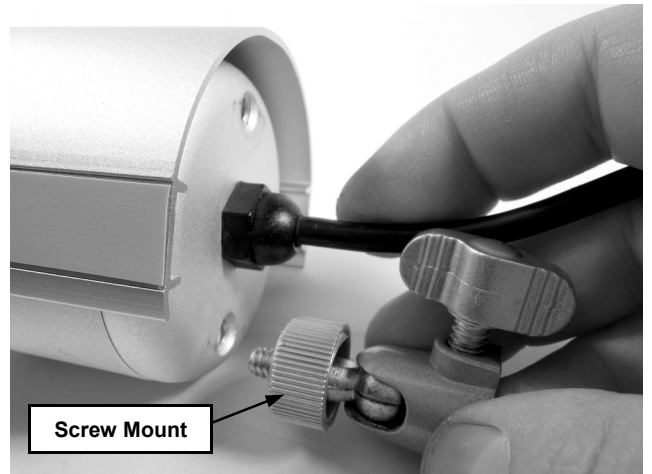


Fig. 4: Insert screw mount into a screw hole (turn clockwise to tighten).

**Note:** There are two screw holes (upper and lower) in back of the camera; select the screw hole that best suits your installation.

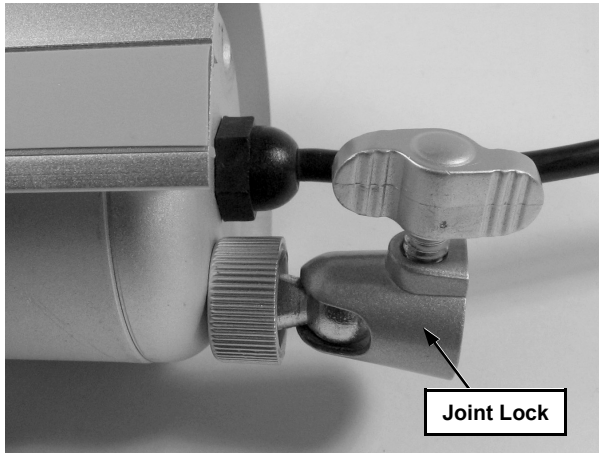


Fig. 5: Screw mount (with joint lock) installed.

3. Insert the joint lock into the base and turn the thumbscrew clockwise to secure (do not tighten fully). Adjust the camera angle and the sun shield position. Tighten the thumbscrew. Pass the power and video cable through the hole drilled in step 1.

## WIRING CONNECTIONS

1. 12VDC Input Terminal  
Connect the power terminal of the camera to a 12VDC regulated power supply.  
Note: Please use the correct power adapter, (12VDC regulated) to operate this unit. The power tolerance of

this unit is 12VDC  $\pm$  10%. Input power over this maximum will damage the unit.

2. Video Output Connector (VIDEO OUT)  
Connect the camera video output and the monitor video input with 75 $\Omega$  coaxial cable.

## SPECIFICATIONS

<b>Image Sensor</b>	1/4" Interline transfer type color CCD
<b>Effective Pixels</b>	512(H) x 492(V) [NTSC] 512(H) x 582(V) [PAL]
<b>Resolution</b>	350 TVL
<b>Minimum illumination</b>	0.6Lux/F2.0 / 0Lux (15m IR ON)
<b>IR Effective Range</b>	Reaches 15 meters (50')
<b>S/N Ratio</b>	More than 48dB (AGC off)
<b>Electronic Shutter</b>	1/60 (1/50) to 1/100,000 sec.
<b>Lens</b>	3.6mm / F2.0
<b>Lens Angle</b>	70 Degrees
<b>IRIS Mode</b>	AES
<b>Gain Control</b>	Auto
<b>White Balance</b>	ATW
<b>Video Output</b>	1.0Vp-p composite, 75 $\Omega$
<b>IP Rating</b>	IP 68
<b>Power Source</b>	12VDC $\pm$ 10%
<b>Current Consumption</b>	100mA (IR OFF), 350mA (IR ON)
<b>Dimensions</b>	LxWxH: 3.94"x2.56"x2.51" (100mm x 65mm x 63.8mm)

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NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

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