












Important Safeguards


-  ■ Read all of these instructions.
-  ■ Save these instructions for later use.
-  ■ All warnings on the products and in the operating instructions should be adhered to.
-  ■ Unplug this appliance system from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners, use a damp cloth for cleaning.
-  ■ Do not use attachments not recommended by the appliance manufacturer as they may cause hazards.
-  ■ Do not use this appliance near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
-  ■ Do not allow anything to rest on the power cord. Do not locate this appliance where the cord will be abused by persons walking on it.

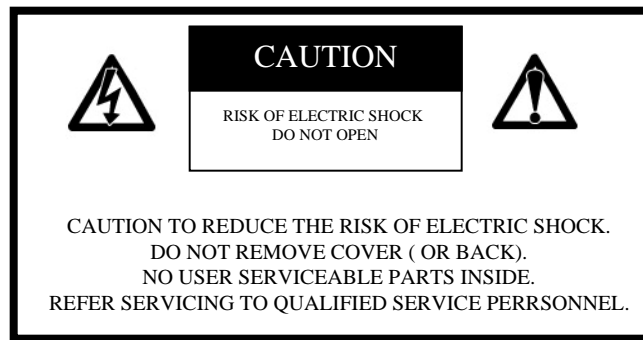
 ■ Follow all warnings and instructions marked on the appliance.


 ■ Do not overload wall outlets and extension cords as this can result in fire or electric shock.


 ■ Never push objects of any kind into this appliance through cabinet slots as they may touch dangerous voltage points or short out parts that could result in fire or electric shock.

 ■ Do not place this appliance on an unstable cart, stand, or table.

 ■ The appliance may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer, or sold with the appliance. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force,



 The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated " dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons

 This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Note:

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. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined

by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

I. General

This Camera is a compact, full functioned CCD Camera. Its stylish appearance can be applied as per installer's ideal locations. These dome cameras can be mounted either on the ceiling or on the wall easily. This camera uses high sensitive 1/3" Sony B/W CCD sensor with DSP. The sensor is featured with Auto Electronic Shutter, Automatic Gain Control.

II. Precautions

- Do not expose the camera to humidity and dust. Outdoor application without shielding is not recommended.
- Handle with care. This camera consists of sensitive high precision parts. Do not disassemble or install it on an unstable base.
- Operate on +12VDC. Use a regulated power source only.
- The external adapter is optional
- Never face the camera toward the sun directly.

III. Lens Available

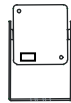
* Standard board lens $f=3.6$ mm, $F=2.0$ mm.

* Other available lens : Lens $f=2.5$ mm, $F=2.0$ mm
 Lens $f=4.3$ mm, $F=2.0$ mm
 Lens $f=6.0$ mm, $F=2.0$ mm
 Lens $f=8.0$ mm, $F=2.0$ mm

VI. Installation Instructions

1. Remove the plastic dome cover.
2. Loosen the two screws of the supporting bracket to remove the camera body.
3. Using four screws to fix the camera base on the ceiling.
4. Put the camera body back to the supporting bracket, the connector of the back panel should always be the

a. Floor Mount



b. Ceiling Mount



c. Wall mount,
aim to the right

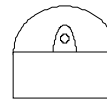


d. Wall mount,
aim to the left



- Connect the BNC connector of the camera to a monochrome monitor, or other video device through a 75 ohm type coaxial cable with BNC female connector at cable extension.

- Connect the +12VDC regulated power source of the camera (DC Jack) to the 12VDC Power-in jack with 2 mm, center+, outer- plug.
7. Once the image appears on the monitor, loosen the fixing screw located at the lens mount then adjust the focus and diaphragm of the lens to obtain the best picture. When the ideal picture is obtained, secure the lens mount fixing screw firmly again.
 8. Put the plastic cover back on the Dome Camera.



IV. Specifications

Pickup Device	1/3" SONY B/W CCD
Picture Elements	510 x 492(EIA) 500 x 582(CCIIR)
Horizontal Resolution	420 TV lines
Sensitivity	0.04 Lux /F=1.2
S/N Ratio	Over 48 dB (AGC off)
Electronic Shutter	1/50(1/60)~1/100,000
Gamma Correction	0.45
Video Output	BNC 1.0Vp-p,75 ohm
Sync. Mode	Internal Sync.
Lens Mount	M12 x P0.5
Power Source	12VDC
Power Consumption	3W max.
Dimensions	108 mm (O.D.) x 80 mm (H) ; 4.3" (O.D) x 3.2" (H)
Operating Temperature	0°C to +50°C ;32°F~122°F (20%~80% Humidity)
Certifications	FCC/CE

V.Package Contents

- One Camera unit
- User's manual

