



EIVD36-42VF EIVD36-42VFP

Operational Manual

Weatherproof IR Dome Color Camera



Please read the Operational Manual before attempting to use this product.

FEATURES

- 1/3" Sony Super HAD CCD
- 420 TV Lines
- 36 IR LED
- 3.5mm~8.0mm Vari-Focal Lens
- 0.5 Lux @ F1.2 (0 Lux @ IR "on")
- IR Distance 82~98ft / 25~30m
- Weatherproof IP65 Rating
- 300~450mA IR LED "on" / 90~110mA IR LED "off"
- 12V DC

INSTALLATION INSTRUCTIONS

1. Unscrew the three mounting screws on the Mounting Ring half way using the Allen Wrench. Do not unscrew the screws all the way, unless you have a safe place to store the screws.



2. Lift the Mounting Ring off the Mounting Base, making sure that the three mounting screws do not fall off. Remove the Camera from the Mounting Base.



3. Screw two of the Mounting Base Unit Screws into the Mounting Base and onto the ceiling/wall.



4. Insert the cable through the Mounting Base and connect the cable.



5. Screw the remaining two Mounting Base Unit Screws into the Mounting Base to secure it on the ceiling/wall. Be sure that all screws are tightened.



6. Align the Mounting Ring so that the arched area is above the IR LED light. Make sure the Mounting Ring does not cover any part of the IR LED light because it will reflect the light back into the Camera during nighttime.

Yes



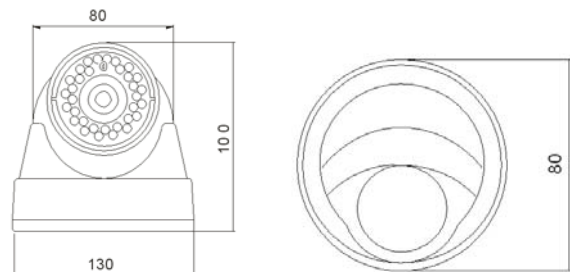
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7. Location of the vari-focal lens adjustor.



DIMENSIONS (Unit: mm)



SPECIFICATIONS

Model	EIVD36-42VF	EOVD36-42VFP
TV System	NTSC	PAL
Image Sensor	1/3" Sony Super HAD CCD	
DSP	Sony	
Total Pixels	510(H) x 492(V)	500(H) x 582(V)
Video Output	1 Vp-p 75 Ω (Sync Negative Polarity)	
Resolution	420 TV Lines	
Minimum Illumination	0.5 Lux @ F1.2 (0 Lux @ IR "on")	
S/N Ratio	More than 48dB	
Electronic Shutter Speed	1/60~1/100,000sec	1/50~1/100,000sec
Synchronization	Internal	
Gamma Control	0.45	
Gain Control	Auto	
White Balance	Auto	
Back Light Compensation	Auto	
IR LED	36 IR LED	
IR Wavelength	850nm	
IR Working Distance	82~98ft / 25~30m	
Lens	3.5mm~8.0mm Vari-Focal Lens	
IP Rating	Weatherproof IP65	
Power Supply	12V DC	
Power Consumption	300~450mA IR LED "on" 90~110mA IR LED "off"	
Operation Temperature	-10°C ~ +50°C	
Dimension	130mm(D) x 100mm(H)	
Weight	1100g	

* Specifications subject to change without notice

FCC NOTICE:

This equipment has been tested and found to comply with the limits for a class A 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 radio frequency, and if not installed and used in accordance with the instruction manual, may cause harmful interference.



ADDITIONAL CAUTIONS:

- Be careful not to shake the camera.
- Please avoid places where direct sunlight may shine on the camera.
- Please avoid places where there are frequent vibrations or shocks.
- Please avoid places where the temperature exceeds 50°C or temperatures lower than -10°C.
- Please avoid storing and operating the camera in water.
- Please avoid water spills on the video connectors and the DC jack connectors.

SPECIFICATIONS

- One (1) EIVD36-42VF Camera with power/video cable
 - One (1) Camera
 - One (1) Mounting Ring
 - One (1) Mounting Base
- Four (4) Mounting Base Unit Screws
- Four (4) Wall Anchors
- One (1) Allen Wrench
- One (1) Operational Manual



CAUTIONS

- 1. Never point the camera toward the sun**
Do not expose the lens directly to the sun or to strong light as this may damage the pick-up device.
- 2. Handle this camera with care**
Avoid any shock or bumping of the camera. Improper handling could damage the camera.
- 3. Requires a proper operating environment**
This camera is designed for outdoor or indoor use. The allowable temperature range for operation of this camera is between -10°C ~ 50°C and the allowable humidity is 85%RH maximum.
- 4. Clean the front face to the pick-up device**
It is recommended that the pick-up device surface be cleaned before lens installation or whenever the lens is changed. Cleaning should be done by using a chamois, a very fine soft cloth, lens tissue, or cotton tipped applicator and ethanol to carefully remove any fingerprint or dust.
- 5. Check the power source voltage**
The power source voltage should be within the specified range. (Camera must meet the specifications). Camera must be connected to a surge protector at all times.
- 6. Objects and liquid entry**
Never push objects of any kind into this camera as this may touch dangerous voltage points of short out parts that could result in a fire or electric shock. Never spill any kind of liquid on the video product.
- 7. Servicing**
Do not attempt to service this video product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.
- 8. Damage requiring service**
Unplug this video product from the wall outlet and refer service to qualified servicing personnel under the following conditions:
 - a. When the power supply cord or plug is damaged.
 - b. If liquid has been spilled, or objects have fallen into the video product.
 - c. If the video product has been dropped or the cabinet has been damaged.
 - d. When the video product exhibits a distinct change in performance.



WARRANTY

This product is covered under warranty for one year from the date of purchase. The warranty will automatically be voided if any of the following occurs:

- 1. Camera sticker is removed**
If the camera sticker is removed, we will not be able to confirm any information regarding when and where the product was purchased. We have no other way to verify the purchase record without the serial number on the camera sticker; therefore, it should not be removed.
- 2. Camera is modified in any way**
If the camera is scratched, damaged, or modified in a manner not described in this manual, the warranty will be voided immediately. It is the customer's responsibility to keep the camera in good condition.
- 3. Video or power cable is cut**
The video cable and the power cable should not be tampered with. Cutting or modifying of the cables will result in termination of the warranty.