

Specifications

Model:	EVC450D
Picture Type:	Colour (Day) and B/W (Night)
Image Sensor:	Sony 1/3" Super HAD CCD
Resolution:	480/540 TVL
Lens Size:	4.0 to 9.0mm
Lens Viewing Angle:	30° to 64°
Infra Red Nightvision:	30 metres
Minimum Illumination:	0 Lux (IR on), 0.1 Lux (IR off)
Audio:	No
Operating Voltage:	12V DC 270mA
Suggested Power Supply:	12V DC 1250mA
Mounting:	Wall/Ceiling
Weatherproofing:	Yes
Dimensions (ØxH):	220x195mm

TECHNICAL SUPPORT:

For Technical Support please contact your local distributor.

LIMITED WARRANTY:

This product is supplied with a limited 1 Year warranty. The Warranty excludes products that have been misused, (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.



Before you begin

- Please unpack the box carefully and identify that all the parts are present.
- Make sure you use only the recommended power supply. Damage caused to the camera by incorrect voltage or wiring is not covered by the warranty.
- Do not cut the connectors of the camera cables, this will void your warranty.



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN!



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN COVERS UNLESS MAKING LENS ADJUSTMENTS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Before operating this product, please read this instruction manual carefully.

EVC450D

Day/Night 480/540 TVL Vandal Resistant IR Dome CCTV Camera with
30 Metres Night Vision & Varifocal Lens

Contents

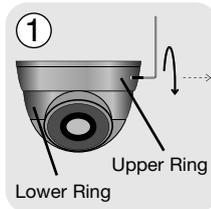
- EVC450D Dome Camera
- Allen Key
- Fixing Screws & Wall Plugs

Description

The EVC450D dome camera is an excellent value Vandal Resistant IR Night Vision Dome CCTV Camera with Varifocal lens, allowing it to be adjusted during installation to any viewing angle between 30 and 64°. Using a High Resolution Sony 1/3" Super HAD CCD a high resolution 480/540 TVL image is provided by the camera. The CCTV Camera is Vandal Resistant and can withstand a blow from a 10 pound sledgehammer making it suitable for use where there is a risk that the camera may be vandalised. It is designed for internal or external use and can be wall or ceiling mounted.

Installation

1. Select a suitable position on the wall or ceiling to install the camera. Take the mounting bracket off the dome camera by unscrewing the fixing screw using the small Allen key supplied.



2. Rotate the upper ring of the camera, it will unscrew from the dome base. Be careful when handling the camera as the parts are not fixed to the upper ring or the camera 'ball'.



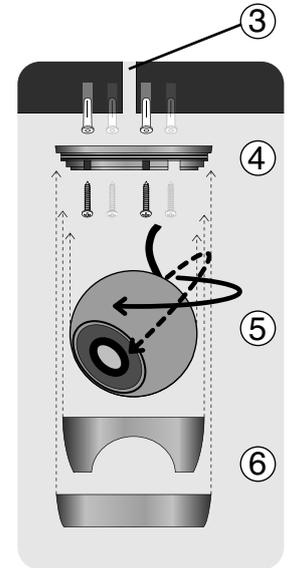
3. Using the Dome base as a guide, drill a hole in the middle of the base circle on the wall or ceiling where the camera is to be mounted, to allow the power and video cable to be fed through (as shown in the diagram).

4. Screw the Dome base to the wall or ceiling using the Wall Plugs and screws supplied.

5. Feed the Camera's cable through the hole and adjust the Camera 'ball' so the camera is positioned in the correct direction and at the correct angle.

6. When the camera is in the correct position, put the upper and lower ring of the camera back into position.

7. Screw the upper ring back onto the base and re-attach the fixing screw to secure the camera in place.



Wiring Guide

12V DC Input

Connect the power terminal of the camera to a 12V DC regulated power supply. Note: Please use the correct power adapter, 12V DC (regulated), to operate this unit. The power tolerance of this unit is 12V DC $\pm 10\%$. Over powering the unit over the maximum input will damage this unit.

Video Output connector (VIDEO OUT)

Connect the camera video output and the monitor video input with 75ohm coaxial cable.