Wiring Guide

12V DC Input (Red plug)
Connect the power terminal of the camera to a 12V DC regulated power supply. Note: Please use the correct power adapter, 12V DC (regulated & centre pin +), to operate this unit. The power tolerance of this unit is 12V DC ±5%. Over powering the unit over the maximum input will damage this unit.

Video Output connector (VIDEO OUT, Yellow Plug)
Connect the camera video output and the video input on the control or viewing equipment with RG59 video signal cable.

Specifications

Model:	EVC450R
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 Night Vision:	30 metres
Minimum Illumination:	0 Lux (IR on) 0.1 Lux (IR off)
Audio:	No
Operating Voltage:	12V DC 750mA
Suggested Power Supply:	12V DC 1250mA
Mounting:	Wall/Ceiling
Weatherproofing:	Yes
Dimensions (WxHxD):	83.5x118x225mm

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.

The camera is suitable for indoor or outdoor use. Please bear in mind the following points when choosing a mounting position.

- The camera must be positioned so that it will not point directly into the sun (sunrise and sunset) or any bright light, as this may cause damage to the camera.
- Avoid viewing areas where half the area is in bright sunlight and the other half is dark, such as in the shadow of a building. All types of cameras have difficulty in 'seeing' with such a large lux level variation.

EVC450R

Day/Night 480/540 TVL IR CCTV Camera with 30 Metres Night Vision

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.

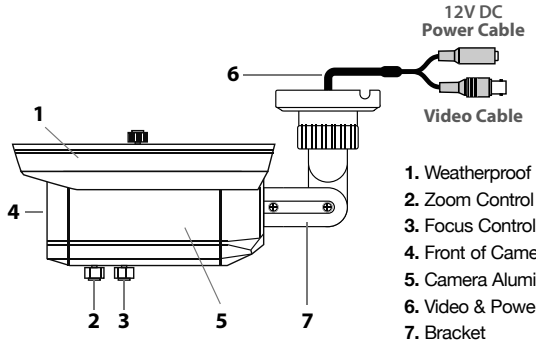
Contents

- EVC450R Bullet Camera
- Allen Key
- Fixing Screws & Wall Plugs

Description

The EVC450R is an excellent value IR Night Vision CCTV Camera. The camera uses a Sony 1/3" Super HAD CCD to provide a high resolution 480/540 TVL image. It features a 4.0 to 9.0mm Varifocal Lens providing a flexible 30° to 64° viewing angle with external lens controls for easy adjustment during installation. It is designed for internal or external use and can be wall or ceiling mounted.

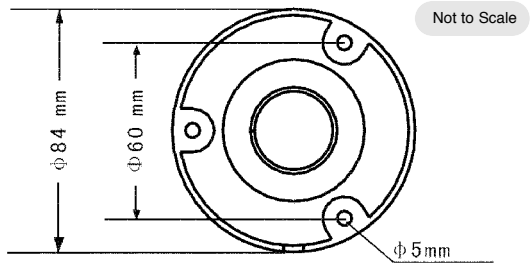
Identifying Parts



1. Weatherproof Sun/Rainsheild
2. Zoom Control
3. Focus Control
4. Front of Camera
5. Camera Aluminium Casing
6. Video & Power Output cable
7. Bracket

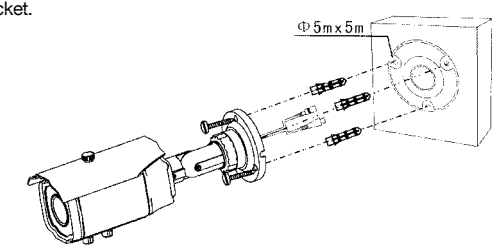
Installation

1. Select a suitable position on the wall or ceiling to install the camera and map out the 3 holes for the bracket. Drill 3 holes at the positions shown in the diagram below.



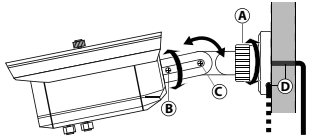
Installation continued

2. Drill a hole in the middle of area on the wall or ceiling where the camera is to be mounted, to allow the power and video cable to be fed through. Alternatively, the cable can be surface mounted by taking the cabling out throught the side of the bracket.

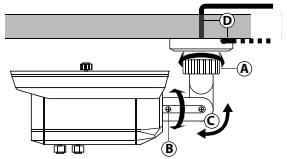


3. Screw the bracket base to the wall or ceiling using the Wall Plugs and screws supplied. See below for Wall and Ceiling mounting diagrams.

Wall Mount Diagram



Ceiling Mount Diagram



4. To change the bracket position during installation, the different screws on the bracket (marked in the diagrams above) can be adjusted as follows:
A - Will allow you to rotate the bracket and adjust the direction of the camera.
B - Will free the camera to turn 360° and adjust the image's horizonal position
C - Will free the bracket for adjusting the vertical angle of the camera by 90°
The holes marked '**D**' in the diagrams shows the alternative ways the Power & Video Output cable can be fed through the bracket.

5. Adjust the zoom & focus of the camera after the camera has been mounted by turning the Zoom and Focus Controls clockwise or anticlockwise as required.