

TECHNICAL SUPPORT:

For Technical Support for any Xvision product please contact your local distributor.

LIMITED WARRANTY:

This product is supplied with a limited 3 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.

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Should you require replacement LEDs please contact your local distributor.



Manufactured exclusively for:
Xvision (Europe) Group,
Head Office: London, U.K.
Email: info@x-vision.co.uk
Web: www.x-vision.co.uk



Model: **VIS449EX**
Colour 60m Long Range
IR Nightvision Camera

Before you begin

- Please unpack the box carefully and identify that all the parts are present.

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.
- Do not cut the camera cables, this will void the warranty.
- 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.

Model:
VIS449EX
Colour Long Range Varifocal IR
Cameras with 60 metres Nightvision

Thank you for purchasing this Xvision camera. Before operating this product, please read this instruction manual carefully.

1. Safety Precautions



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.

- When in use please avoid direct contact with eyes and do not touch the camera body as it can get very hot.
- When installing the camera, please avoid pointing it directly at paper or flammable materials.
- Please avoid all direct contact with the tempered glass cover to avoid contamination. If you need to clean the cover use cotton wool balls dipped in alcohol or glass wipes.

2. Product Description

The VIS449EX colour long range IR camera is designed for high risk applications. It offers very high resolution 500 TVL images from its Sony 1/3" CCD sensor and will provide images in complete darkness up to 60 metres and beyond 60 metres in light levels above 0.05 lux. It features a Varifocal Lens and cable managed bracket and is designed for internal or external use and can be wall mounted.

Specifications

Model:	VIS449EX
Picture Type:	Day/Night (B/W & Colour)
Image Sensor:	Sony 1/3" Ex View CCD
DSP:	Xvision E1DN
Resolution:	500 TVL
Lens Viewing Angle:	30 to 64°
Infra Red Nightvision:	60 metres
Minimum Illumination:	0 Lux/ 0.05 Lux (IR On)
Audio:	No
Operating Voltage:	12V DC 1500mA
Suggested Power Supply:	12V DC 3500mA Regulated
Mounting:	Wall (Cable managed bracket supplied)
Weatherproofing:	Yes
Dimensions (ØxD):	85mm x 130mm

7. Lens Adjustment

The VIS449EX is fitted with a Varifocal lens. You can make adjustments to both the Zoom and Focal Length by following these easy steps:

STEP 1: Carefully unscrew the camera housing and pull the casing away.

STEP 2: Connect the Video Output to the monitor or other video device through a 75 Ohms type coaxial cable.

STEP 3: Once the picture appears on the monitor, make the Zoom Adjustment by rotating the long screw (NEAR-Anti-clockwise, FAR Clockwise) until you get the desired view. Next make the Focal Adjustment by rotating the long screw (TELE-Anticlockwise, WIDE Clockwise) until you get the desired view (as shown in Figure 3). (If the long screw does not move turn it Anti-clockwise to unscrew it, this will loosen it and allow you to make the adjustment, after adjustment tighten both screws by turning Clockwise, see Figure 4).

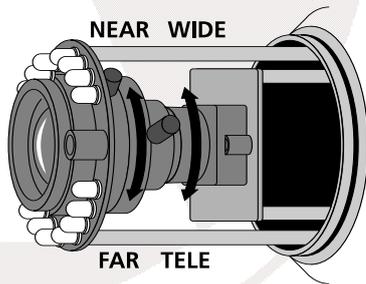


Figure 3

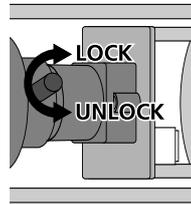
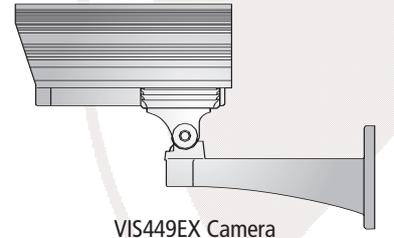


Figure 4

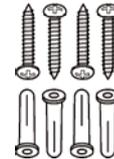
3. Features

- Sony 1/3" ExView CCD image sensor for 500 TVL resolution images and 0.01 lux low light sensitivity
- The VIS449EX features Varifocal 4.0 to 9.0mm lens with 30° to 64° viewing angle for super sharp images and easy selection of the optimum viewing angle during installation.
- Integrated Long Life Infra Red LEDs turn on automatically when the camera switches to B/W mode and provide up to 60 metres Nightvision.

4. Contents



VIS449EX Camera



4x Fixing Screws
4x Wall Plugs



Hex Wrench

5. Product Assembly

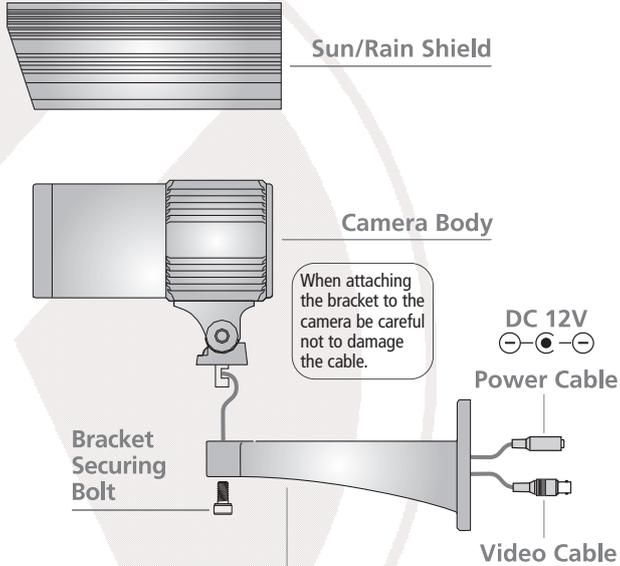
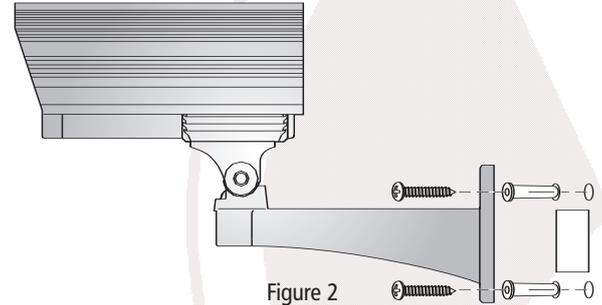


Figure 1

6. Installation

1. Make a hole in the wall approximately 30mm wide x 40mm deep.
2. Drill 4 holes and insert the wall plugs.
3. Feed the cables into the wall before fixing the camera using the 4 fixing screws



Fixing Holes Guide-
Not shown actual size

