## 7. Controls

1. Zoom and Focus Adjustments can be made on the back panel of the camera. Remove the rubber grommets to reveal the screw adjusters (as shown below). Use a small flat head screwdriver to adjust both zoom and focus to your required settings.

To ensure the camera remains weatherproof be sure to replace the rubber grommets, non use of the rubber grommets will void the product warranty.

Zoom Adjustment   ZOOM   FOCUS   **Focus Adjustment**
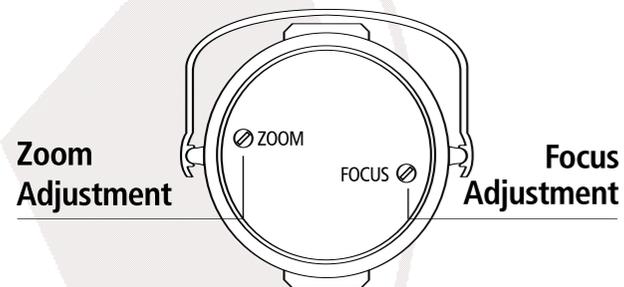
Specifications

Model:	VIS449E
Picture Type:	Day/Night (B/W & Colour)
Image Sensor:	Sony 1/3" CCD
DSP:	Xvision E1DN
Resolution:	480 TVL
Lens Viewing Angle:	30 to 64°
Infra Red Nightvision:	25 metres
Minimum Illumination:	0 Lux/ 0.1 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):	84mm x 124mm

TECHNICAL SUPPORT:
For Technical Support for any Xvision product 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.

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: VIS449E
Colour 25m 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:
VIS449E
Colour Long Range Varifocal IR Cameras with 25 metres Nightvision

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

1. Safety Precautions

- 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.
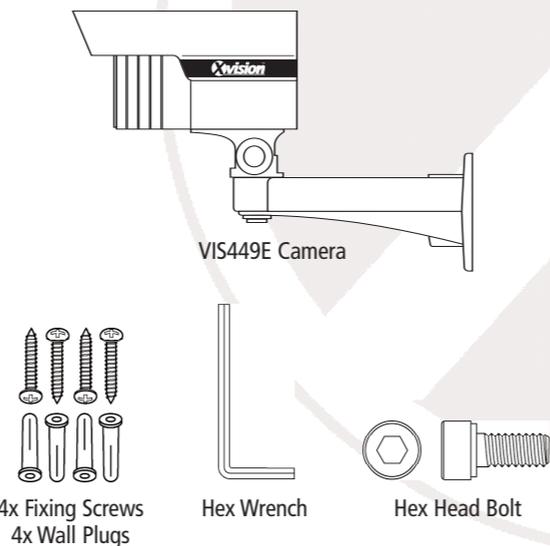
2. Product Description

The VIS449E colour long range IR camera is designed for high risk applications. It offers very high resolution 480 TVL images from its Sony 1/3" CCD sensor and will provide images in complete darkness up to 25 metres and beyond 25 metres in light levels above 0.1 lux. It features a Varifocal Lens and cable managed bracket and is designed for internal or external use and can be wall mounted.
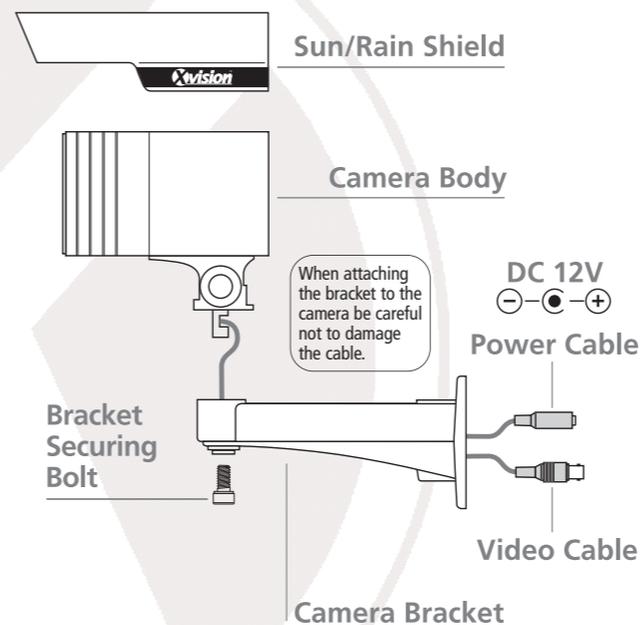
3. Features

- Sony 1/3" CCD image sensor for 480 TVL resolution images and 0.1 lux low light sensitivity

- The VIS449E 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 25 metres Nightvision.

4. Contents

VIS449E Camera

4x Fixing Screws
4x Wall Plugs

Hex Wrench

Hex Head Bolt

5. Product Assembly

Sun/Rain Shield

Camera Body

When attaching the bracket to the camera be careful not to damage the cable.

DC 12V

Power Cable

Bracket Securing Bolt

Video Cable

Camera Bracket

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

28mm

78mm

20mm