

4XEM Camera Enclosure Mounting Instructions For IPCAMENCLOHF

Mounting Configuration

1. Use the rear section of the Mounting Bracket (D) as a template for marking the position on the wall of the Mounting Holes (H). Remove and drill to pattern required.
2. Attach the Mounting Bracket arm to the wall using the plugs and screws provided.
3. Feed cables from the main Enclosure (C) through the hole of the Mounting Plate (E) on the Mounting Bracket (D), then feed the cable again to the concealed cable channel inside the Mounting Bracket throughout the wall outlet (A) or bracket outlet (B).
4. Attach the main Enclosure (C) to the Mounting Plate (E) of the Bracket with 4 of the 1/4"-20 screws (F) provided.
5. Release Screw (G) on the Mounting Bracket to pan and tilt the Enclosure. Position Enclosure as required for the correct camera coverage then tighten Screw to secure.

Fig. 1 – Mounting Configuration

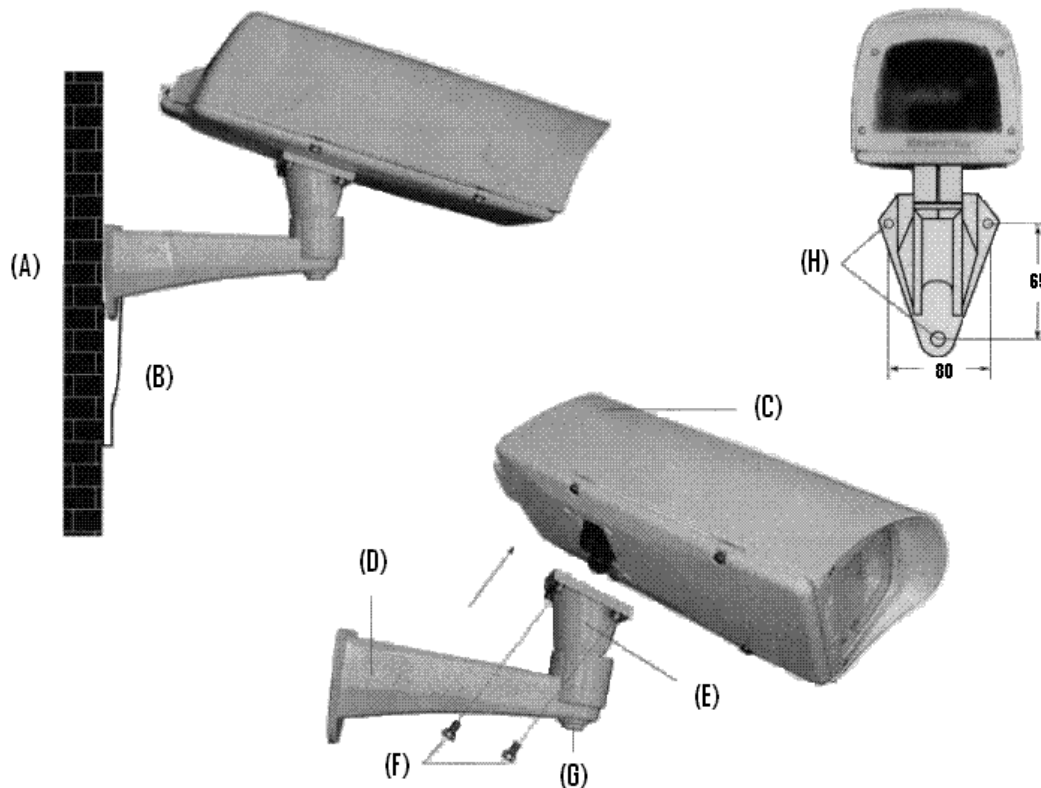
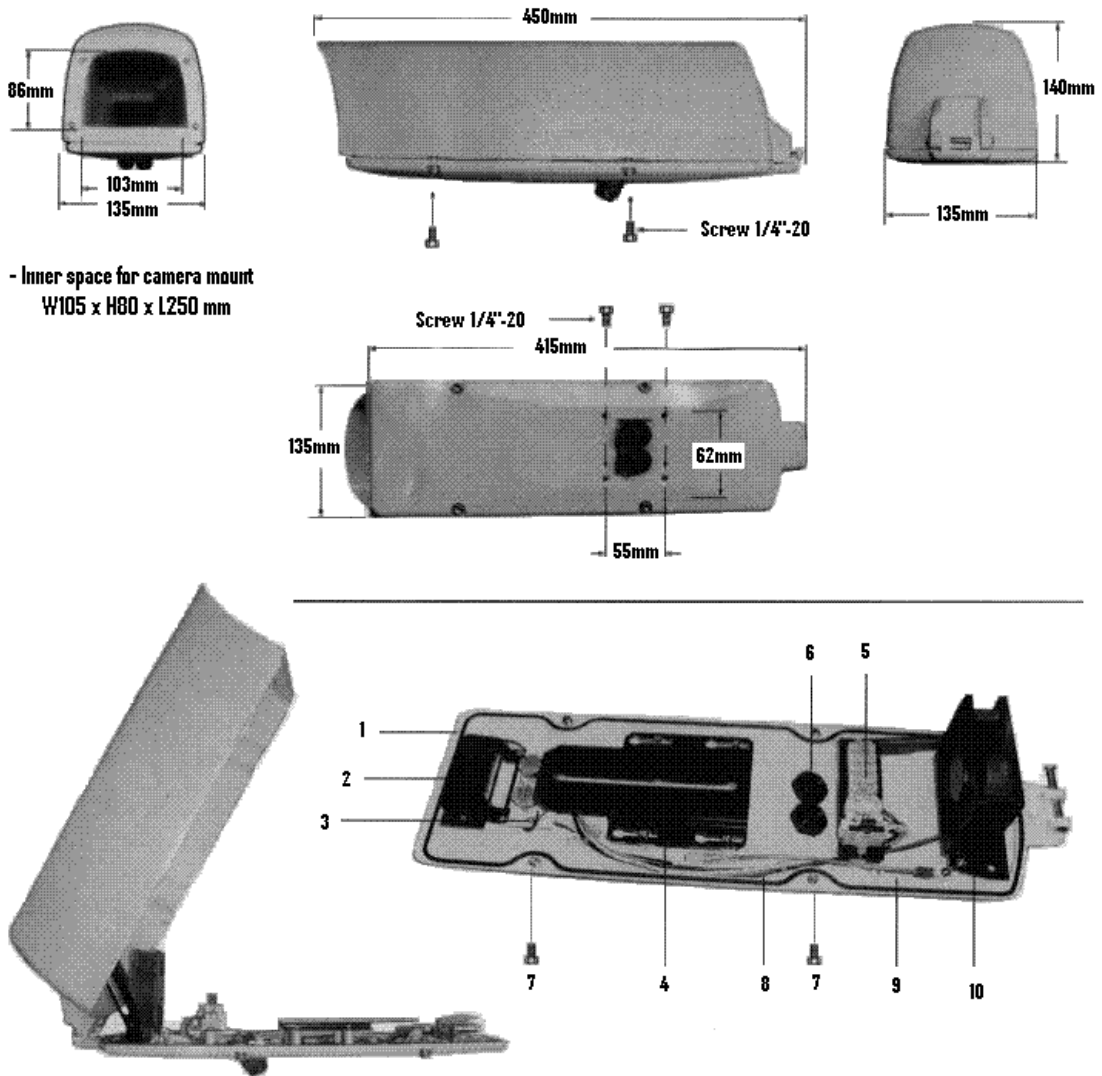


Fig. 2 – Fitting Instructions for camera

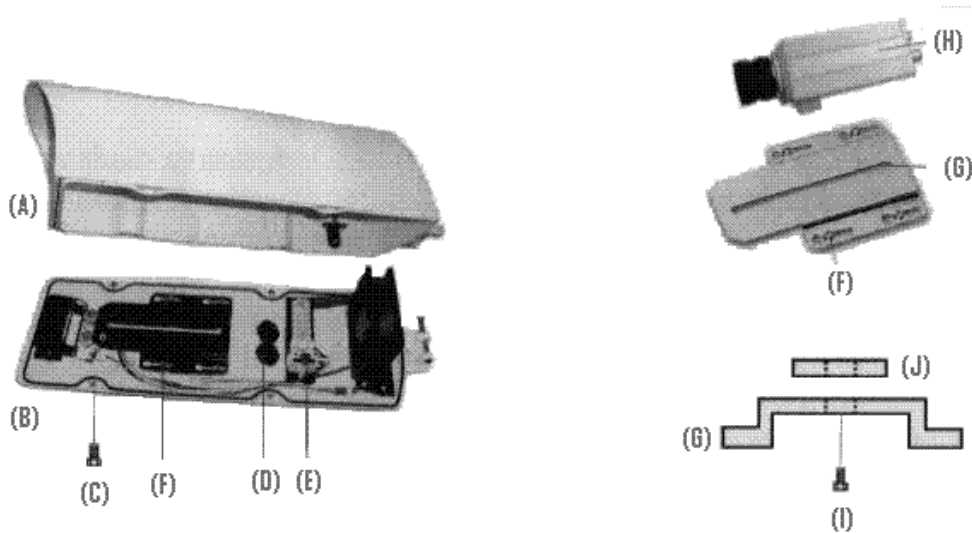


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|-----------------------------|---------------------------------------|
| 1. Heater (optional) | 6. Cable Conduits (PGB11 x 2) |
| 2. Heat Shield | 7. Captive Retaining Screws x 4 |
| 3. Thermal Control Board | 8. Heater & Blower Wires, Ground Wire |
| 4. Camera Mounting Platform | 9. Ground Wire |
| 5. Terminal Block Assembly | 10. Blower (optional) |

Fitting Instructions for Camera

1. Unscrew the 4 captive Retaining Screws (C) and remove the Housing Cover (A) from the Housing Base (B).
2. Release the 4 Keyhole Screws (F) and then slide and withdraw the Camera Platform (G) from the Housing Base (B).
3. Mount the Camera (H) onto Platform (G) using the 1/4" UNC Screw (I) supplied, ensuring that the Installation Pad (J) is mounted between the Platform and the Camera. Always ensure that the Camera is firmly attached to the Platform.
4. Connect the Camera/Heater power cable to the rear Terminal Block (E) through the first Cable Conduit (D) referring to the circuit diagram shown in the section titled "Proper Wiring" for proper terminal designations.
5. Connect the video cable to the Camera through the second Cable Conduit (D).

Fig. 3 – Fitting Instructions for Camera Continued



IMPORTANT NOTE:



ALWAYS UNPLUG THE TOP SECTION OF THE GROUND WIRE (EARTH WIRE) FROM THE BASE WHEN DISASSEMBLING THE HOUSING. REMEMBER TO PLUG THE TOP AND BOTTOM TOGETHER AGAIN WHEN REASSEMBLING THE HOUSING.

Wiring Instructions

Figure 4 shows the internal wiring diagram of the IPCAMENCLOHF for the window demister. A spare 6 way terminal block is provided at the rear of the enclosure for the camera when required and for lens connections. Circuit identified as follows:

TB.1	6 way terminal block	H.1	Heater	12 VDC •
TB.2	3 way terminal block	H.2	Heater	24 VAC
FTB.1	Fused terminal block	H.3	Heater	110 VAC
FS.1	3 Amp. Fuse	H.4	Heater	230 VAC
STAT.1	25°C Thermostat	B.2	Blower	12 VDC •
STAT.2	35°C Thermostat	B.3	Blower	24 VAC
		P.C.B.1	Thermal Control Board	

Fig. 4 – Proper Wiring

