

IV. Wiring diagram

Fig. 4 shows the internal wiring diagram of TPH 4000 for the window demister. A spare 6 way terminal block is provided at the rear of the enclosure for camera when necessary and lens connections. Circuit idents as follows:

TB.1	6 way terminal block	STAT.1	18°C Thermostat switch
TB.2	3 way terminal block	P.C.B.1	Heater Printed circuit board
FTB.1	Fused terminal block	H.1	Heater, 12/24 VAC
FS.1	3 Amp. Fuse		Heater, 230 VAC

Fig.5 Wiring diagram of TPH 4000

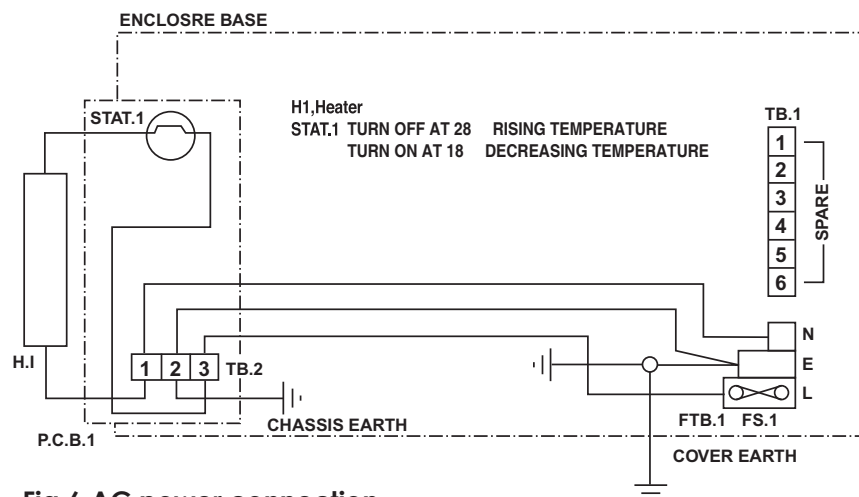
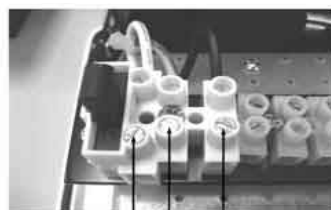


Fig.6 AC power connection

Shows how to connect the AC power cord to the FTB.1 connector



AC Power Cord GND (Green line) AC Power Cord

V. Installation Suggestion:

If you plan to install this camera into a tropical, sea, coastal, saltwater or corrosive industrial water/moist environment, please seal each stainless steel screw and fittings with a silicon grease compound. This will help prevent electrolysis corrosive occurring and extend the lifespan of the camera and housing.



IMPORTANT NOTE:

1. Disconnect Device: You must disconnect the device from mains supply before changing the camera or lens inside.
2. Electrical Connections: Only a qualified electrician must make any electrical connections.

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External
Camera
Enclosure

CE IP68

TPH 4000 Series

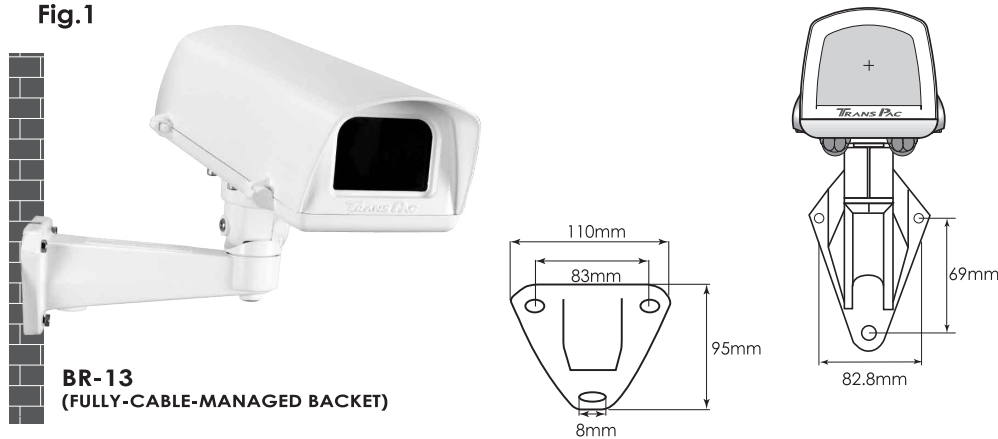
User's Manual

I . Introduction

The **TPH 4000** series Camera Housing is constructed from die-cast aluminum alloy with powder coated finish and is equipped with an adjustable Fully-Cable- Managed Mounting Bracket. The product is CE certified ,RoHS compliance and has environmental protection level IP 68.

II . Mounting configuration of TPH 4000

Fig.1



III . Fitting instructions for camera.

Fig.2

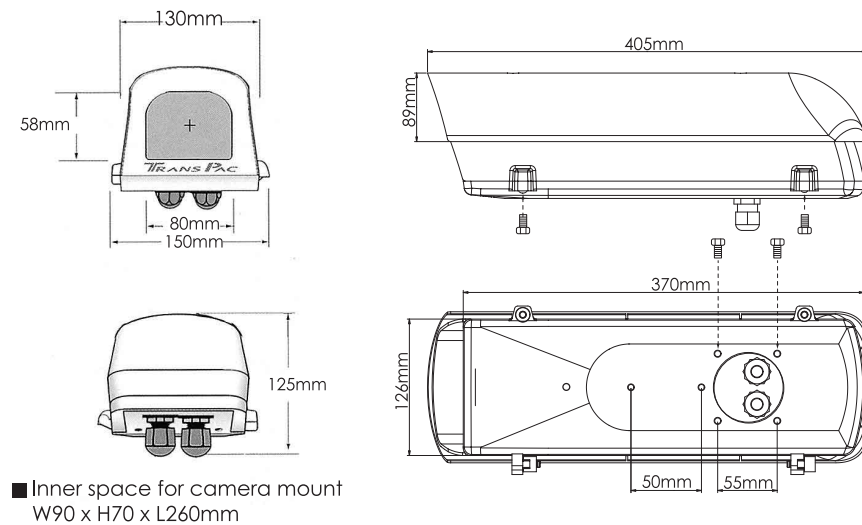


Fig.3

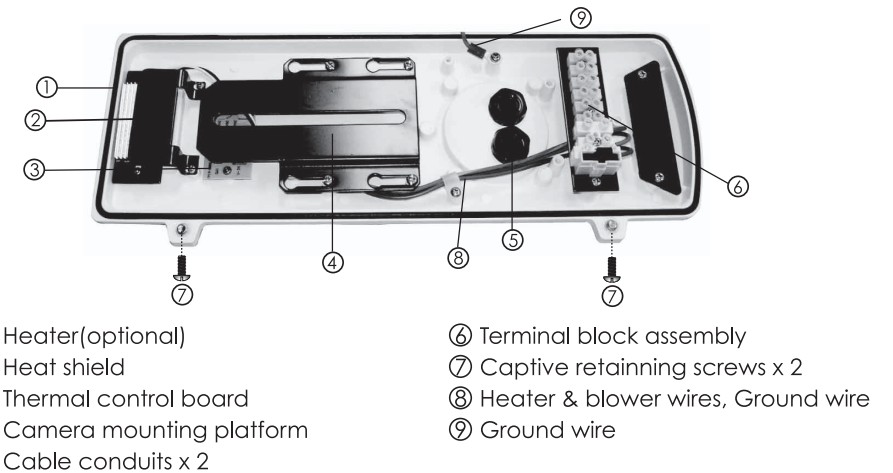
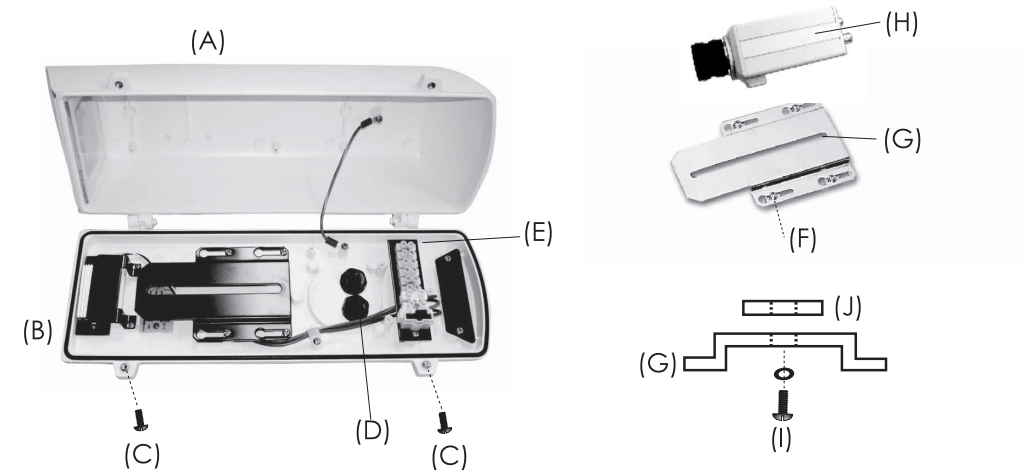


Fig.4



1. Unscrew the 2 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 Insulation Pad (J) is mounted between the Platform and the Camera. Always check 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 section IV. for the terminal designations.
5. Connect the video cable to the Camera through the second Cable Conduit (D).