



INFRARED ILLUMINATOR HOUSING 100M

PRH-5480/5880

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

1. Read Instructions

All the safety and operating instructions should be read before the unit is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Read Warnings

All warnings on the unit and in the operating instructions should be adhered to.

4. Follow Instructions

All operating and user instructions should be followed.

5. Electrical Connections

Only a qualified electrician should make electrical connections.

6. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Cable Runs

All cable runs must be within permissible distance.

8. Mounting

This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

SAFETY PRECAUTIONS

	CAUTION RISK OF ELECTRIC SHOCK	
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

UNPACKING

Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.

Be sure to save:

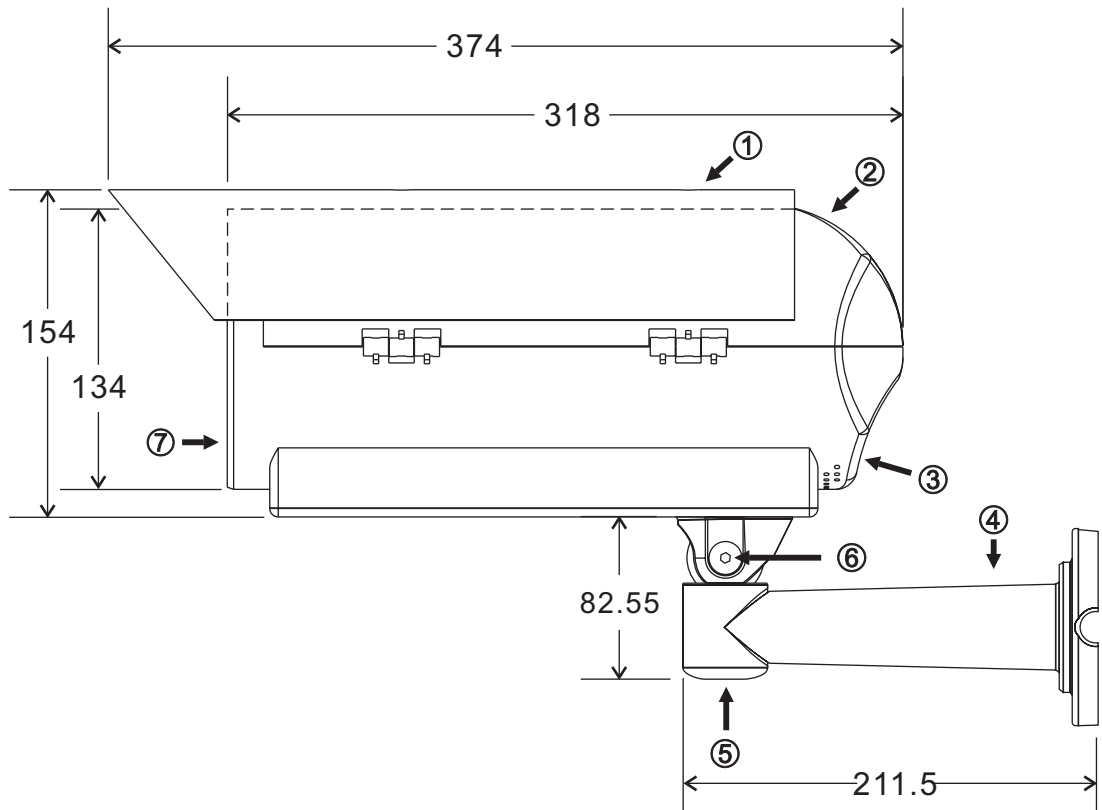
1. The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.
2. This Installation and Operating Instruction.

SERVICE

If the unit ever needs repair service, the customer should contact our dealer or branch for authorization to return and shipping instructions.



Part Description & Dimension

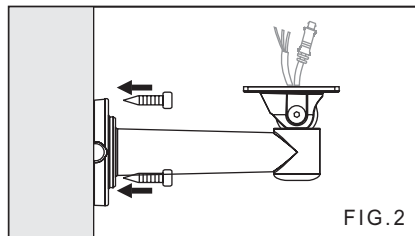
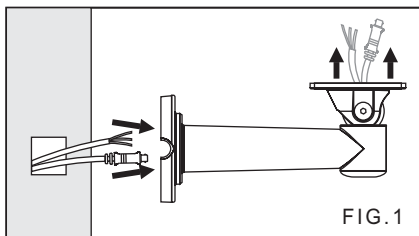


Unit : mm

- ① SUN SHIELD
- ② TOP COVER
- ③ BOTTOM CHASSIS
- ④ BRACKET
- ⑤ PAN ADJUSTMENT SCREW
- ⑥ TILT ADJUSTMENT SCREW
- ⑦ WINDOW

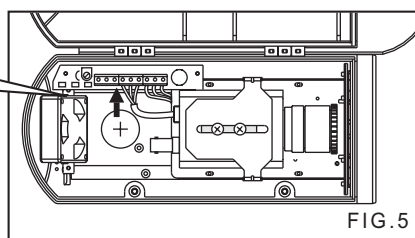
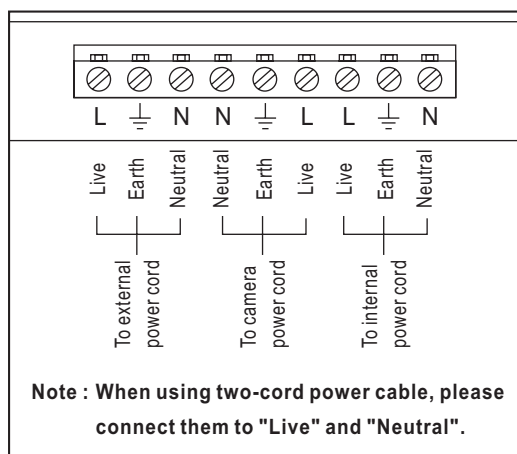
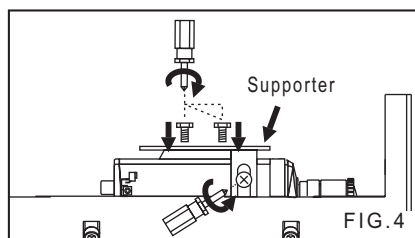
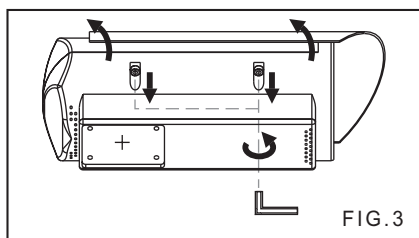
INSTALLATION

1. Take out the bracket from the box first. Put the power cable and video cable through the bracket and then fix it to the wall (FIG.1 & FIG.2).

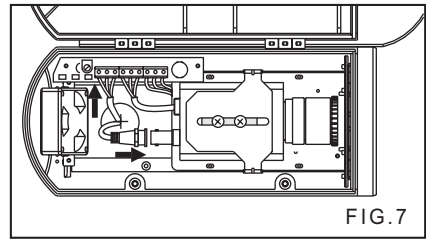
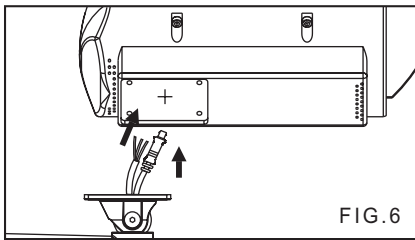


2. Secondly, take out the housing and open the top cover with hexagon screw driver (FIG.3). Loosen the screws on both sides of the supporter first, use provided 1/4"-20UNC screws (black-2pcs) to fix the camera on the supporter temporarily (FIG.4). Plug and fix the power cable of camera to the terminal (FIG.5).

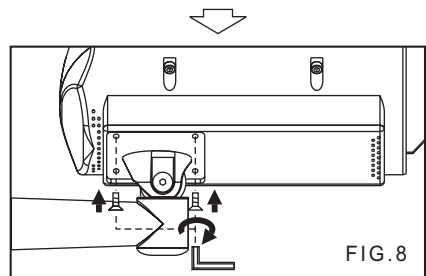
Note : In order to adjust the camera position forward or backward later on, please do not fix the camera too tight.



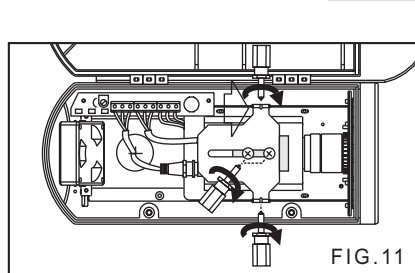
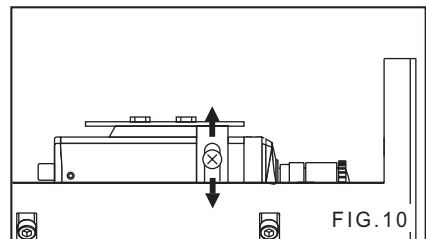
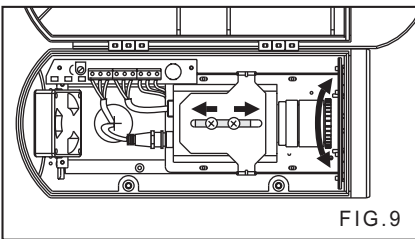
3. Put the power cable and video cable through the bottom of the housing (FIG.6). Plug and fix the power cable to the terminal and plug the video cable to video output of the camera (FIG.7).



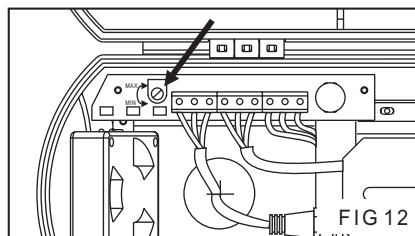
Next, use the provided 1/4"-20UNC screws (silver-4pcs) to fix the housing on the bracket with hexagon screw driver (FIG.8).



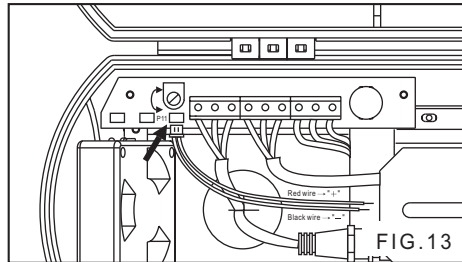
4. Adjust focus and iris of the lens on the camera and then adjust the camera position on the supporter (FIG.9 & FIG.10). After finished, tighten all screws (FIG.11).



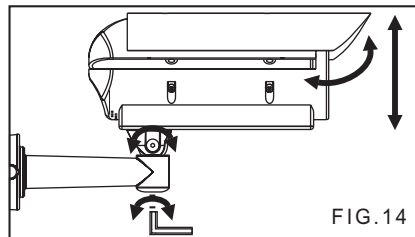
5. Adjust VR1 to set Infrared LED activation level (FIG.12). Turn the VR1 toward "MAX" to higher the Infrared LED activation Lux level and vice versa.



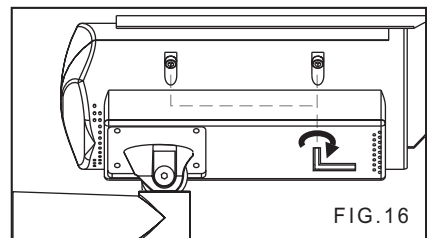
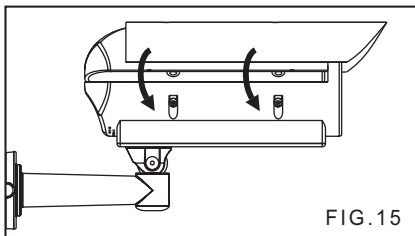
6. If want to adopt ICR (IR Cut Filter Removable) of Day & Night Camera to reach synchronization action with IR LED of housing, please plug enclosed wire to P11 (FIG. 13). The Red wire connect to "+", and Black wire connect to "-" (GND). IR LED will be triggered "Off" with 5V output voltage and IR LED will be triggered "On" with 0V output voltage.



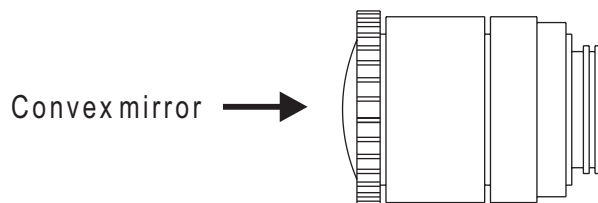
7. Loosen the pan and tilt adjustment screw on the bracket to turn the housing to the desired angle and then tighten the screw (FIG. 14).



8. Replace the top cover and tighten the screws (FIG. 15 & FIG. 16).



ATTENTION : Please make sure the lens used for the camera in the housing does not have convex mirror object lens, otherwise an "concentric circle" will appear on the image when Infrared LED activated.



SPECIFICATIONS

INFRARED ILLUMINATOR HOUSING		
Model No.	PRH-5480	PRH-5880
Power Input Voltage	AC24V (±10%)	AC90~260V
Radiant Distance	100M	
Window	φ 110 Heat Resistant Glass	
Glass Thickness	3mm	
Infrared LED	Wave Length	850nm
	Angle	15° + 25°
	Quantity	5 Units (15°) + 2 Units (25°)
	Power On	Sensor Auto Control, Adjustable Control Point
Blower Control	On : 35°C, Off : 25°C	
Heater Control	On : 15°C, Off : 25°C	
Suitable Camera and Lens	Max. 200mm Length	
IP Rating	IP66	
Mounting	Bottom	
Construction	Aluminum	
Power Consumption	22W	
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F)	
Dimension	Housing : φ 134 x 318 mm(L) , Bracket : 211.5mm(L)	
Weight	3500g	



MERIT LILIN ENT. CO., LTD
<http://www.meritlilin.com>

66-5880CSE