

# **BOX CAMERA HOUSING**

## User Manual

SHB-4300HP

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User Manual

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❖ **Design and specifications are subject to change without prior notice.**

# Safety Instructions

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The safety instructions below are prepared to avoid physical or monetary damage from an accident, so please read carefully and follow them.

- Do not install the product in a place that contains salt or produces the sulphurous gas.
- Do not insert metal objects or inflammable substances inside.
- Otherwise, it may cause an electric leakage or shock or a fire.
- Put a neutral detergent on the cloth that is used to wipe on the glass surface.
- Do not use chemical substances such as thinner and benzene.
- Use the right tools and wires to install the product in compliance with the safety instructions.



Hanwha Vision cares for the environment at all product manufacturing stages, and is taking measures to provide customers with more environmentally friendly products. The Eco mark represents Hanwha Vision's devotion to creating environmentally friendly products, and indicates that the product satisfies the EU RoHS Directive.

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# Introduction

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## PRODUCT OVERVIEW

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- This CAMERA-HOUSING is designed to install the outdoor CCTV camera securely to protect it from the external conditions.

## FEATURES

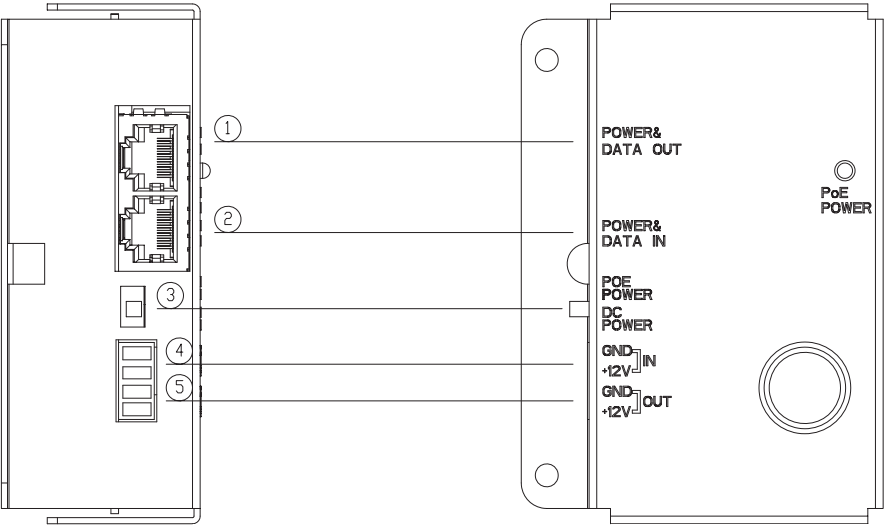
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- This product is a 16" camera housing that is designed to guarantee that the outdoor CCTV camera is installed securely for stable operation.
- Firm and secure with the semi-permanent material, it is designed to be in harmony with the surrounding environment and to help the CCTV camera operate stably regardless of the dirt that may accumulate in the installation site and the weather condition.
- In addition to the waterproofness function and built in the PoE module, it has the hinges on both sides that are manufactured in the top cover structure, which facilitates the installation and repair work.
- The material of the body frame is made of aluminium that is corrosion-resistant.
- The product is also seamlessly sealed to protect itself from an unexpected external impact.

# Installation

## INSTALLATION

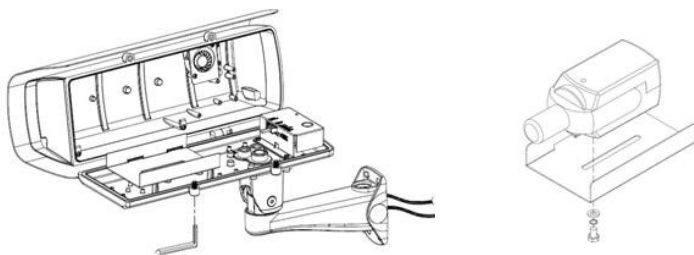
### Wiring Diagram



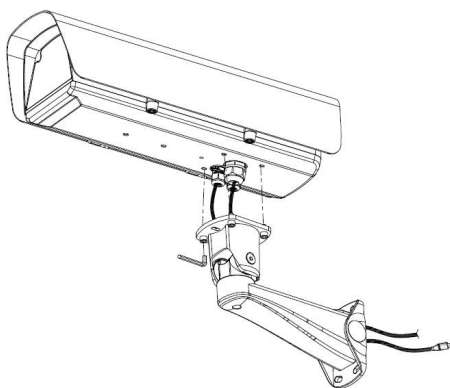
### RJ45 Terminal Layout

| Terminal Layout | Pin | Input          | Output      |
|-----------------|-----|----------------|-------------|
|                 | 1   | Tx+ + Power2_A | Tx+         |
|                 | 2   | Tx- + Power2_A | Tx-         |
|                 | 3   | Rx+ + Power2_B | Rx+         |
|                 | 4   | Power1_A       | POE POWER + |
|                 | 5   | Power1_A       | POE POWER + |
|                 | 6   | Rx- + Power2_B | Rx-         |
|                 | 7   | Power1_B       | POE POWER - |
|                 | 8   | Power1_B       | POE POWER - |

## INSTALLING THE CAMERA AND BRACKET



- Use 5mm wrench, open the housing top part. Remove the camera plate, Install the camera on the camera plate and screw up. Check the lens and focus and Close the housing top part and screw up tightly.



- Use 5mm wrench, Install the bracket on the camera mount part and screw up tightly

# Specifications

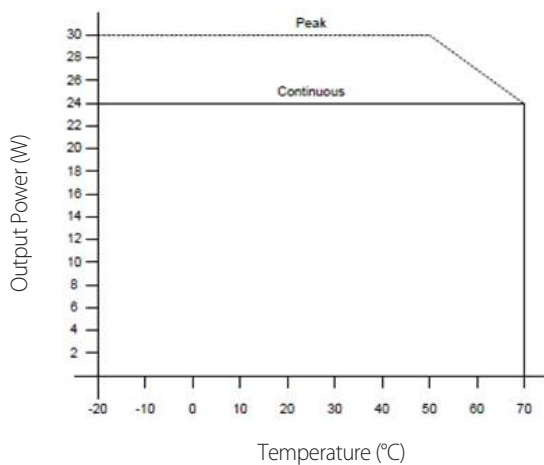
## SPECIFICATIONS

|               | SHB-4300HP                                |                                                 |
|---------------|-------------------------------------------|-------------------------------------------------|
| Purpose       | Outdoor Housing                           |                                                 |
| Product Name  | Box Camera Housing                        |                                                 |
| Features      | PoE function, Dustproof, Waterproof, IP66 |                                                 |
| Material      | Aluminium Die-Casting ADC 12              |                                                 |
| Use Condition | -35°C ~ +50°C                             |                                                 |
| Weight        | 2.5kg (without Bracket)                   |                                                 |
| Input Power   | DC12V(Min30W) & PoE Power(IEEE802.3at)    |                                                 |
| Output Power  | Fan                                       | 2W                                              |
|               | Defroster                                 | 5W                                              |
|               | Heater                                    | 5~9W                                            |
| Operation     | Temperature                               | Fan : UP 35°C± 2°C ON<br>Under .30°C± 2°C OFF   |
|               |                                           | Heater : Under 5°C± 5°C ON<br>Up .15°C± 5°C OFF |
|               |                                           | Defroster : Always ON                           |
| Dimension     | Outside                                   | 184mm(W) X 127mm(H) X 460mm(D)                  |
|               | Inside                                    | 91mm(W) X 78mm(H) X 250mm(D)                    |
| Color         | Pantone Cool Gray 1C                      |                                                 |
| Accessories   | Housing:                                  | ¼"-20X3/8" Screw (x2), Spring Washer (x1),      |
|               |                                           | Flat Washer (x1), Wrench(x1),                   |
|               |                                           | Gland Cable Cap (x2)                            |
|               | Bracket                                   | ¼"× 1/2" Screw (x4)                             |



SHB-4300HP

Functional Relation  
Chart



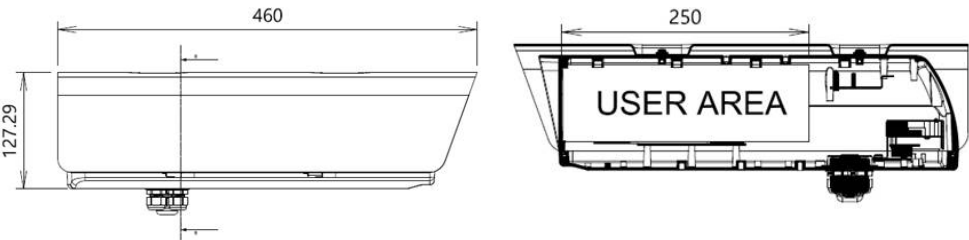
※ The specification for this product may change without prior notice for product improvement.

# Specifications

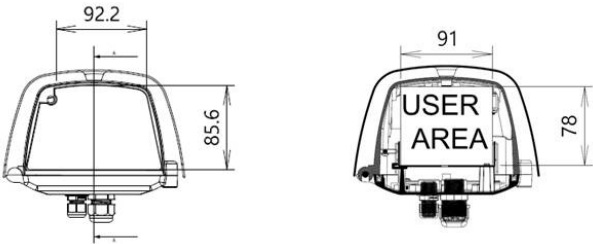
## DIMENSION

• Body

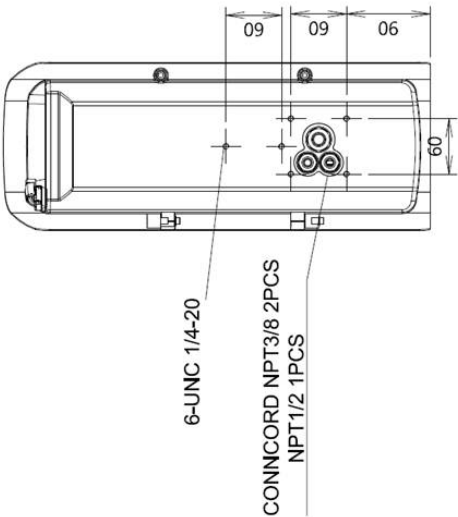
Unit: mm



• Front



• Mount Base



## MEMO

