SAMSUNG

BOX CAMERA HOUSING

SHB-4300H
SHB-4300H1
SHB-4300H2

User manual
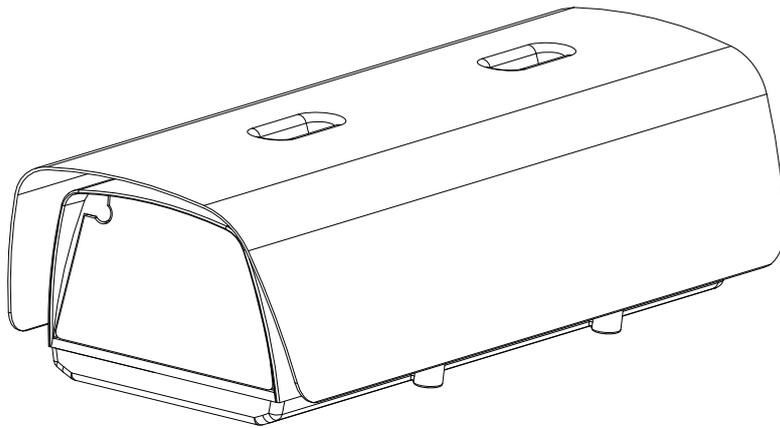
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1. Safety Instructions

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.

2. Product Overview

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

3. Features

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, 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.

4. Product Specifications

1. Model Name   : SHB-4300H
2. Purpose   : Outdoor Housing
3. Product Name : Box Camera Housing
4. Features   : Dustproof, waterproof, IP66
5. Material   : Aluminium Die-Casting ADC 12
6. Use Condition : -35℃ ~ +50 ℃
7. Weight   : 3.5kg
8. Input Power   : AC24V
9. Power

    Consumption : Heater   (20W * 1EA)

                     FAN   (2W)

10. Operation

    Temperature : Heater   (5℃ ± 5℃ ON)

                    Fan   (45℃ ± 5℃ ON)

11. Dimension

   - Outside : 184mm(W) x 127mm(H) x 460mm(D)

   - Inside   : 91mm(W) x 78mm(H) x 190mm(D)

12. Color

   - Pantone Cool Gray 1C

13. Accessories

   - Housing

    : ¼" -20X3/8" Screw (x2), Spring Washer (x1)

     Flat Washer (x1), Wrench(x1)

   - Bracket

    : ¼" × 1/2" Screw (x4)
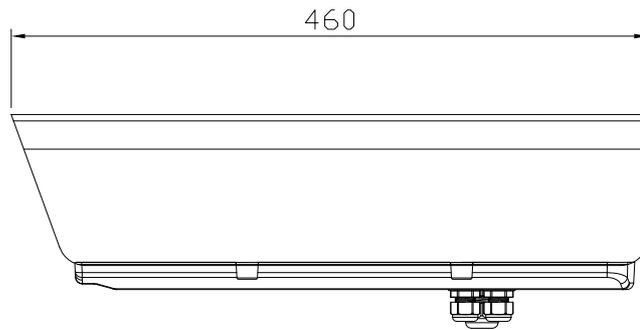
4. Product Specifications

1. Model Name   : SHB-4300H1
2. Purpose   : Outdoor Housing
3. Product Name : Box Camera Housing
4. Features   : Dustproof, waterproof, IP66, NEMA 4X
5. Material   : Aluminium Die-Casting ADC 12
6. Use Condition : -50℃ ~ +50 ℃
7. Weight   : 3.7kg
8. Input Power   : AC24V
9. Power

    Consumption : Heater   (20W * 2EA)
                     FAN   (2W)
                     Defroster (8W)

10. Operation

    Temperature : Heater 1   (-5℃ ± 5℃ ON)
                     Heater 2   (5℃ ± 5℃ ON)
                     Fan   (45℃ ± 5℃ ON)
                     Defroster (Always ON)

11. Dimension
   - Outside : 184mm(W) x 127mm(H) x 460mm(D)
   - Inside   : 91mm(W) x 78mm(H) x 190mm(D)
12. Color
   - Pantone Cool Gray 1C
13. Accessories
   - Housing
    : ¼" -20X3/8" Screw (x2), Spring Washer (x1)
     Flat Washer (x1), Wrench(x1)
   - Bracket
    : ¼" × 1/2" Screw (x4)

4. Product Specifications
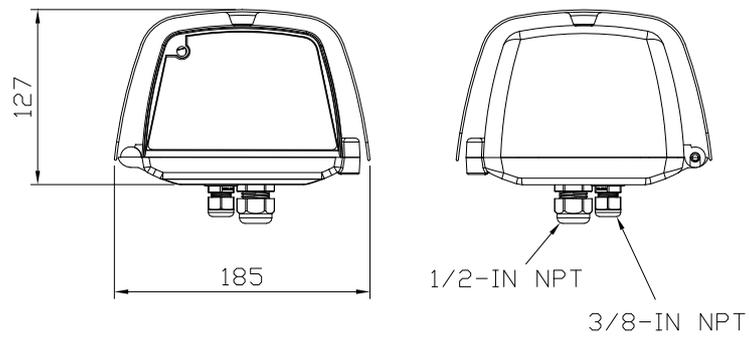
1. Model Name   : SHB-4300H2
2. Purpose   : Outdoor Housing
3. Product Name : Box Camera Housing
4. Features   : Dustproof, waterproof, IP66
5. Material   : Aluminium Die-Casting ADC 12
6. Use Condition : -50℃ ~ +50 ℃
7. Weight   : 3.7kg
8. Input Power   : AC230V
9. Power

    Consumption : Heater   (20W * 2EA)
                     FAN   (5W)
                     Defroster (10W)

10. Operation

    Temperature : Heater 1   (-5℃ ± 5℃ ON)
                     Heater 2   (5℃ ± 5℃ ON)
                     Fan   (45℃ ± 5℃ ON)
                     Defroster (Always ON)

11. Dimension
    - Outside : 184mm(W) x 127mm(H) x 460mm(D)
    - Inside   : 91mm(W) x 78mm(H) x 190mm(D)

12. Color
    - Pantone Cool Gray 1C

13. Accessories
    - Housing
     : ¼" -20X3/8" Screw (x2), Spring Washer (x1)
      Flat Washer (x1), Wrench(x1)
    - Bracket
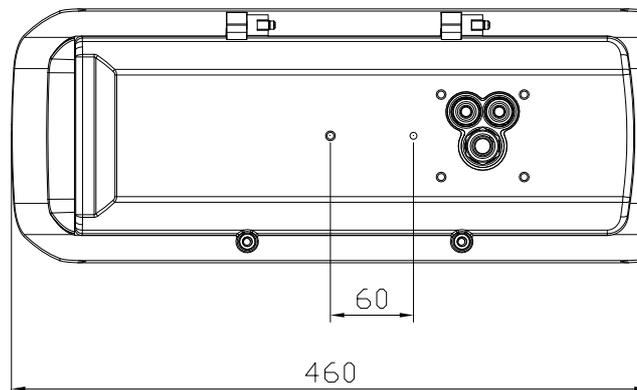   : ¼" × 1/2" Screw (x4)

5. exterior

- Body

460

- Front, Rear

127

185

1/2-IN NPT

3/8-IN NPT

- Mount Base

60

460

6. Installation

• Wiring Diagram (SHB-4300H)

WIRING DIAGRAM

← REAR   FRONT →

INPUT AC24V

FUSE 4A/250V

Ⓗ   Ⓗ
Ⓝ   Ⓝ
Ⓖ   Ⓖ
①   ①
②   ②
③   ③
④   ④
⑤   ⑤

CAMERA POWER

THERMOSTAT R45   FAN DC12V
RECTIFIER
THERMOSTAT N15   HEATER1 AC24V

• Wiring Diagram (SHB-4300H1)

WIRING DIAGRAM

← REAR   FRONT →

INPUT AC24V

FUSE 4A/250V

Ⓗ   Ⓗ
Ⓝ   Ⓝ
Ⓖ   Ⓖ
①   ①
②   ②
③   ③
④   ④
⑤   ⑤

CAMERA POWER

THERMOSTAT R45   FAN DC12V
RECTIFIER
DE-FROSTER AC24V
THERMOSTAT N15   HEATER1 AC24V
THERMOSTAT N6   HEATER2 AC24V

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6. Installation

- Wiring Diagram (SHB-4300H2)

WIRING DIAGRAM

← REAR   FRONT →

INPUT AC230V

FUSE 2A/250V

(H)   (H)

(N)   (N)

(G)   (G)

① ①
② ②
③ ③
④ ④
⑤ ⑤

CAMERA POWER

THERMOSTAT R45 — FAN AC230V

DE-FROSTER AC230V

THERMOSTAT NL5 — HEATER1 AC230V

THERMOSTAT N5 — HEATER2 AC230V

7. Installing the bracket

MEMO

MEMO