

SCX-DO300

# Outdoor Housing

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## OVERVIEW

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The Outdoor Housing (SCX-DO300) is a Housing used to install the SMARTDOME CAMERA (SCC-C6455/C6453) on an outdoor wall or ceiling.

## PRECAUTIONS

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1. Select an installation spot which can endure more than 4 times of the product weight.
2. If you install this product in a low-temp area such as inside a cold store, you must seal up the wiring pipe with silicon, so that the external air can not flow inside the housing. Otherwise, external high, humid air may flow inside the housing, pooling moisture or vapor inside the product due to a difference between internal and external temperature.
3. When installing, prevent peoples approaching to avoid personal injury. Move valuables to a safer place before installing.
4. When the unit is stored in high humidity environment, moisture may occur inside the cover dome of the Housing. Before installation, please open the cover dome and wipe off all moisture with a soft dry cloth.

## OPTIONAL ACCESSORIES FOR INSTALLATION

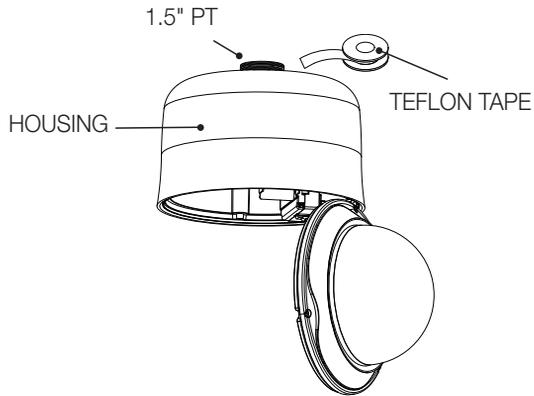
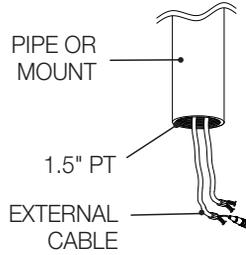
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Install OUTDOOR HOUSING using the provided adaptor according to the place for installation.

- Install the Adapter below according to the installation guide of each product.
  - ① CEILING MOUNT ADAPTOR(SCX-300CM) : For installation on a ceiling.
  - ② WALL MOUNT ADAPTOR(SCX-300WM) : For direct installation on a wall.
  - ③ POLE MOUNT ADAPTOR(SCX-300PM) : For installation on a cylindrical pole.
    - The Wall Mounted Adaptor(SCX-300WM) is also used in conjunction with the Pole Mounted Adaptor.
  - ④ CORNER MOUNT ADAPTOR (SCX-300KM) : It is used when the camera is installed on a corner of the wall.
    - The WALL MOUNTED ADAPTOR (SCX-300WM) is also used in conjunction with the Pole Mounted Adaptor.
  - ⑤ PARAPET MOUNT ADAPTOR(SCX-300LM) : Use this if you install the product on the internal wall of a building roof and locate the camera outdoors.

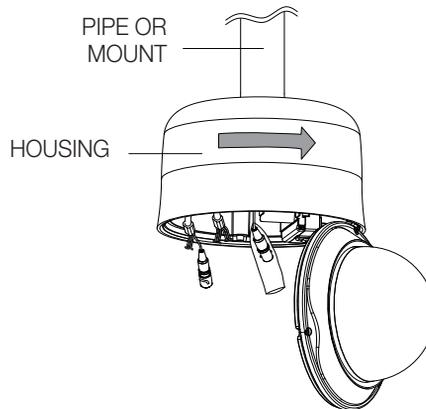
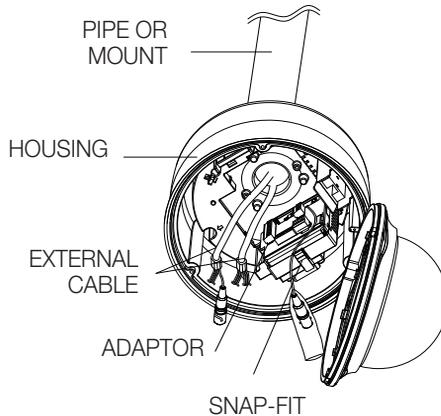
# PREPARATION

Run all the external cables through the bracket adaptor's **PIPE** or **MOUNT** hole. Wrap around the **HOUSING**'s screw hole with the Teflon Tape.



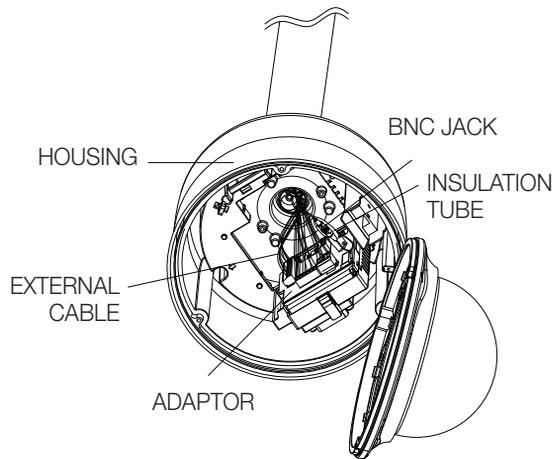
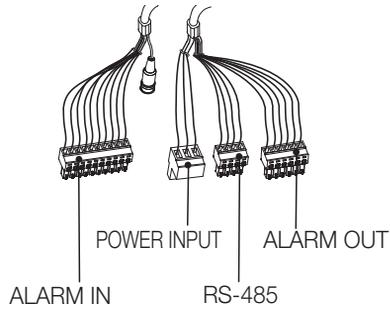
## INSTALLATION

1. Press the **SNAP FIT** of the **ADAPTOR** in the **HOUSING** to open the **ADAPTOR** part, and then insert all external cables into the **HOUSING**. Secure the **HOUSING** on the **PIPE** or **MOUNT** by turning it clockwise.  
(Secure two components tightly, to avoid loosened **HOUSING**.)



-  Make sure you fix the Pipe or Adaptor so that it reaches to the end of the 1.5" NPT screw thread on the Outdoor Housing. If not secured tightly, the Outdoor Housing may loosen from the Pipe or Adaptor, causing physical damage or malfunction. (Make sure you check the connection between two components before proceeding with the next step.)

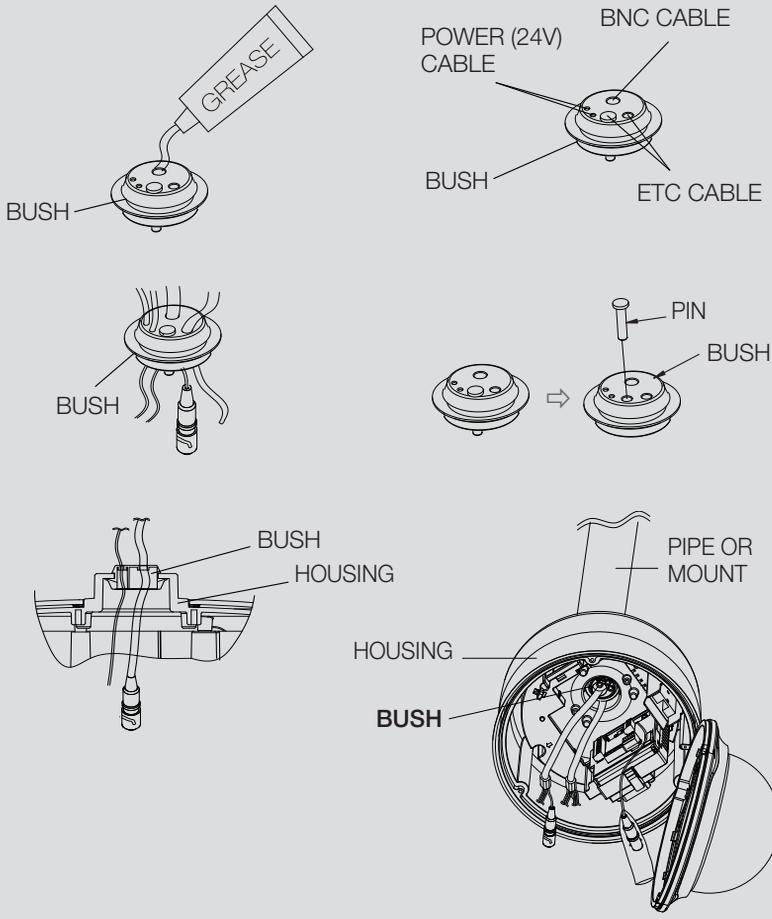
2. Connect external cables to the **CONNECTORS(ALARM IN, POWER, RS-485, ALARM OUT)** and connect the **CONNECTOR** to the **ADAPTOR**.  
Insert the cable into the **FRAME SET**, and close the **ADAPTOR**.



- Then, wrap the **BNC JACK** with the **INSULATION TUBE**, and use an insulation tape to seal up the end of the **INSULATION TUBE** so that the **BNC JACK** does not protrude outside of the **INSULATION TUBE** coating.
- For more information about cable connection, refer to Connecting the adaptor cable in the CAMERA's Instruction book.

Note that **BUSHINGS** are provided for outdoor installations where exposed to a moisture condition through the **PIPE** or **MOUNT**, install the **HOUSING** using the **BUSHING** to prevent moisture entering.

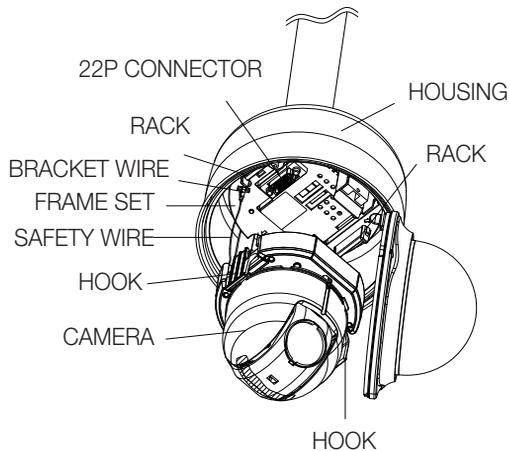
- Apply grease of proper dose on the **BUSHING** before assembling, and run cables through each hole of the bushings. Use **PINS** to stop up empty holes having no cable running.
- Assemble the **BUSHING** to the top side of **HOUSING**'s inside as shown in the diagram below. At the moment, apply pressure evenly on the **BUSHING** to secure it tightly to the **HOUSING** as shown in the diagram.



3. Prepare the CAMERA to be installed.

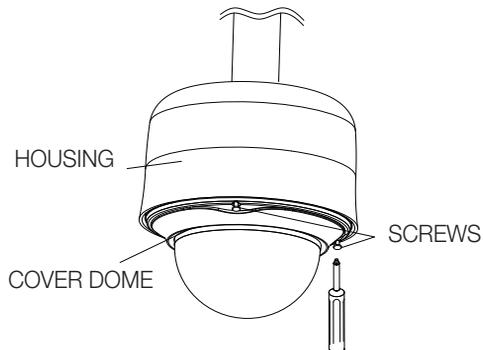
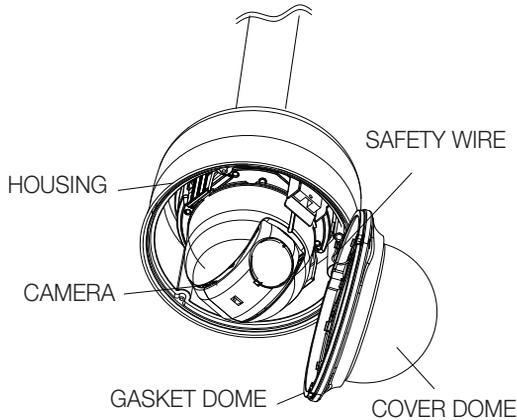
Tie up the **SAFETY WIRE** of the **CAMERA** on the **BRACKET WIRE** of the **FRAME SET**. Arrange the **22P CONNECTOR** of the **CAMERA** in line with that of the **ADAPTOR**, push the **HOOKs** on either end of the **CAMERA** in the **RACK** direction of the **FRAME SET** to secure the two.

Then, ensure that all of the two **HOOKs** clicks to fix to the **RACK** properly.



- When the installation is completed, remove the **PROTECTIVE COVER** and **PRETOECTIVE TAPE** from the lens.

4. Align each of the 3 **SCREWS** of **COVER DOME** and 3 **SCREW HOLES** of the **HOUSING** respectively, and assemble the **COVER DOME** and **HOUSING**. During the assembling, note on the followings.
- Insert and arrange **SAFETY WIRE** into the **HOUSING** while not disturbing the camera operation.
  - Ensure that the **GASKET DOME** component does not separate from the **COVER DOME**. (If the **GASKET DOME** is not properly assembled, it damages the waterproofness.)



- For the information about Camera setup and operation, please refer to Camera's Instruction book.

# PRODUCT SPECIFICATION

Size : Ø228 X H256 mm

Weight : 2.5 Kg

Power source: AC24V (50Hz) (Use an adaptor over 3A when the heater works.)

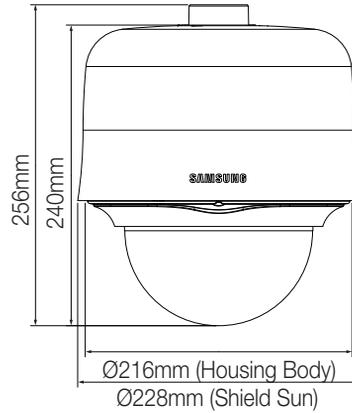
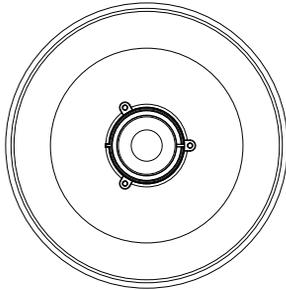
Power Consumption: 16.3W (Camera, Fan)/47W (Heater on)

Operation Temperature : -50°C(absolute minimum) ~ 50°C

Operation Humidity : 0~90%

Fan Operation Temperature : Unlimited

Heater Operation Temperature : Below 10°C



# ACCESSORIES

- Bush ..... 1
- Pin ..... 1
- Silicon Grease ..... 5g
- Manual ..... 1



### **Correct Disposal of This Product** (Waste Electrical & Electronic Equipment)

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(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.