SAMSUNG TECHWIN

In-ceiling Housing
Installation Manual

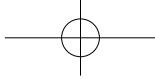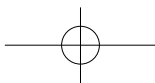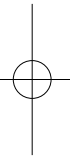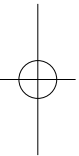SHD-3000F2

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OVERVIEW

This In-CEILING HOUSING is a mounting ADAPTOR that is designed to mount the smart dome camera in built-in style on a double-layer ceiling.

WHAT'S INCLUDED

HOUSING	SAFETY BRACKET (1EA)	SAFETY WIRE (1SET)
TEMPLATE (1EA)	SCREW (2EA)	INSTALLATION MANUAL
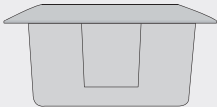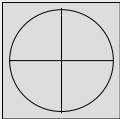
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INSTALLATION INSTRUCTIONS

1. Select an installation position or place that can endure more than 4 times of the total weight of the installation structure.

2. At least 250mm or more of spare height is required above the **CEILING BOARD**.

3. **CEILING BOARD**'s thickness should be less than 40mm.
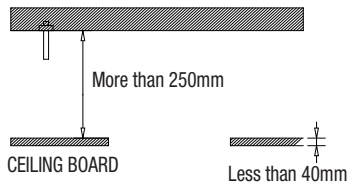
4. Be sure to secure the SAFETY WIRE to avoid a product fall.

5. If you want to attach the camera to the ADAPTOR, use the only provided SCREWS.

More than 250mm

CEILING BOARD

Less than 40mm

# INSTALLATION (INDOOR TYPE)

1. Place the **TEMPLATE** on the **CEILING BOARD** and drill a guided hole.

   ❶ Remove the round filling ("C") from the **TEMPLATE**.

   ❷ Place **TEMPLATE** A onto the **CEILING BOARD** to which you will attach the ceiling mount ADAPTOR and drill a hole of Ø165mm in diameter.

   See the figure below for the hole shape.

Ø165mm

" C "

TEMPLATE

Ø165mm

CEILING BOARD
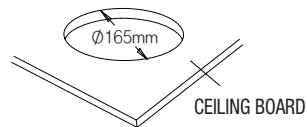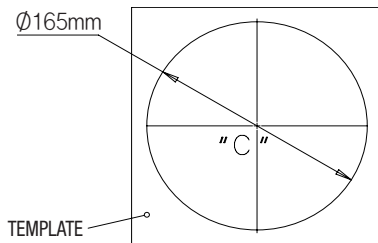
2. Fix the **ANCHOR BOLT** onto the concrete CEILING, and secure the **SAFETY WIRE** to the **ANCHOR BOLT** as below:

   ❶ Tighten the nut ("N1") on the **ANCHOR BOLT**.

   ❷ Insert the provided **SAFETY BRACKET** into the **ANCHOR BOLT**.

   ❸ Tighten two nuts ("N2","N3") onto the **ANCHOR BOLT**.

   ❹ Hook and fix one end of the **SAFETY WIRE** onto the **SAFETY BRACKET**.

   ❺ Hook and fix the other end of **SAFETY WIRE** onto the **HOUSING** as shown below.
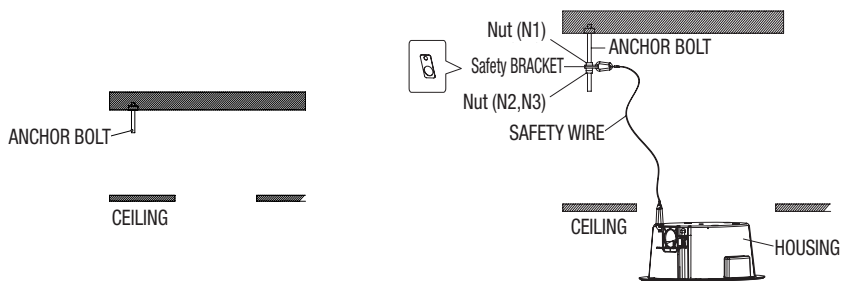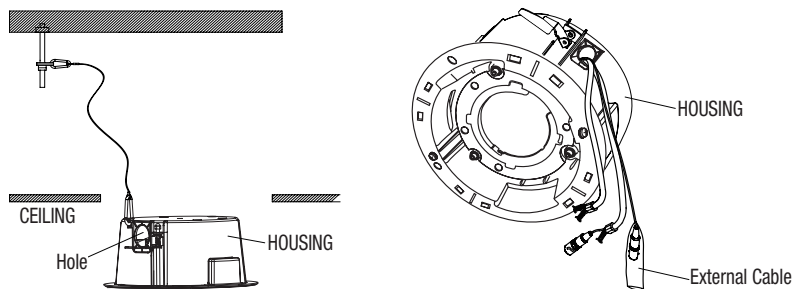

 ※ The ANCHOR BOLTs and nuts are optional and not included in the product package.

3. To connect to the camera, insert the external cable through the side **hole** on the **housing** to the inside of the **housing** as shown in the figure.

   ▨ ■ Refer to the installation manual of the camera that you want to install, and prepare necessary cables for camera connection.
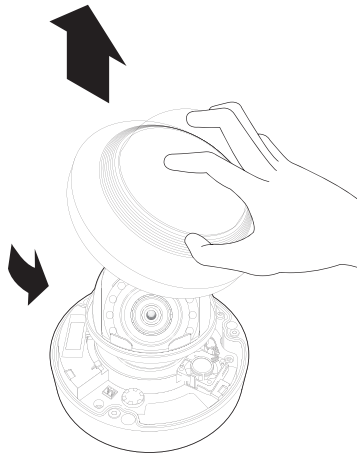

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4. Push the **HOUSING** inside the CEILING through the CEILING hole, and tighten the **SCREWs** (x2) clockwise to fix the HOUSING on the CEILING.
(The **BRACKET** will be positioned from <A> to <B> as shown.)

📖 ▪ Ensure that the **HOUSING** is firmly secured to the **CEILING BOARD**.

HOUSING

BRACKET

BRACKET

SCREW
Turn clockwise

BRACKET

BRACKET
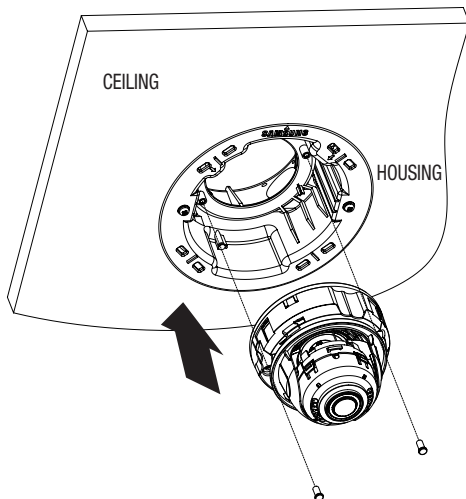
<A>   <B>
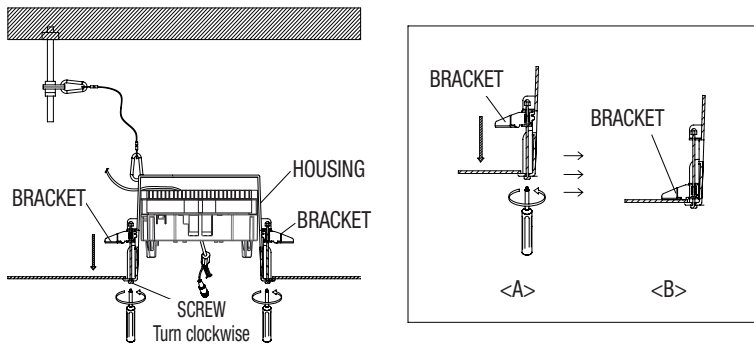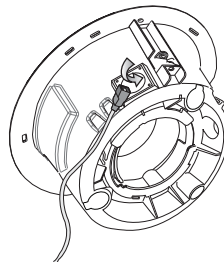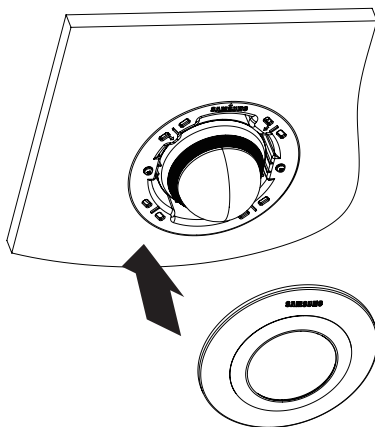
5. Remove the dome cover from the camera

6. **Installing the camera**
   Using the two screws, mount the camera in the housing.
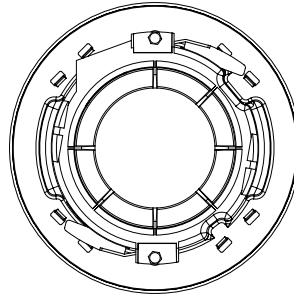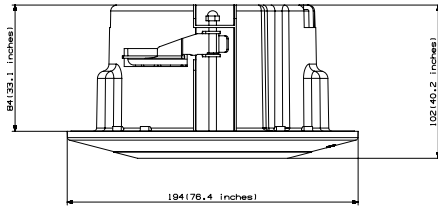   ※ When attaching the camera to the mount, check the arrow directions in the figure below before proceeding.

CEILING

HOUSING

7. install the **cover** onto the **HOUSING**.

※ Assemble the network cable through the hole on the bottom part of the housing.

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PRODUCT SPECIFICATIONS

Item	Specifications
Dimension (mm)	D194 X H102
Weight	350g
Temperature	−10℃ ~ 50℃
Material	PC
Color	Ivory

MEMO

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