

In-ceiling Housing

Installation Manual

SHD-3000F2/SHD-3000FW2



Hanwha Vision

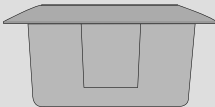


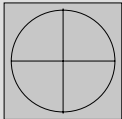


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OVERVIEW

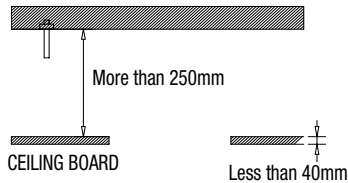
This In-CEILING HOUSING is a mounting ADAPTOR that is designed to mount the smart dome camera in built-in style on a double-layer ceiling.

WHAT'S INCLUDED

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

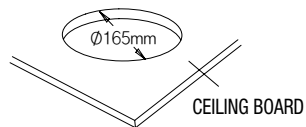
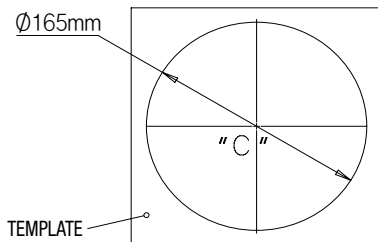
INSTALLATION INSTRUCTIONS

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.



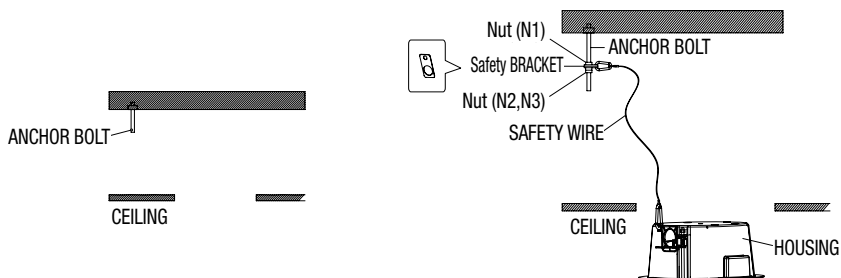
INSTALLATION (INDOOR TYPE)

1. Place the **TEMPLATE** on the **CEILING BOARD** and drill a guided hole.
 - ① Remove the round filling ("C") from the **TEMPLATE**.
 - ② Place **TEMPLATE A** onto the **CEILING BOARD** to which you will attach the ceiling mount ADAPTOR and drill a hole of $\varnothing 165\text{mm}$ in diameter.See the figure below for the hole shape.



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

- ① Tighten the nut ("N1") on the **ANCHOR BOLT**.
- ② Insert the provided **SAFETY BRACKET** into the **ANCHOR BOLT**.
- ③ Tighten two nuts ("N2", "N3") onto the **ANCHOR BOLT**.
- ④ Hook and fix one end of the **SAFETY WIRE** onto the **SAFETY BRACKET**.
- ⑤ Hook and fix the other end of **SAFETY WIRE** onto the **HOUSING** as shown below.

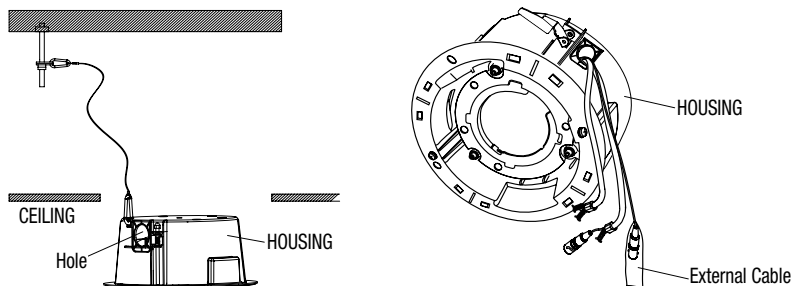


※ The **ANCHOR BOLTS** and nuts are optional and not included in the product package.

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.



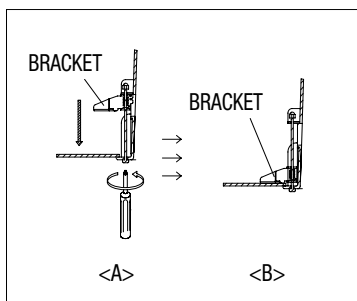
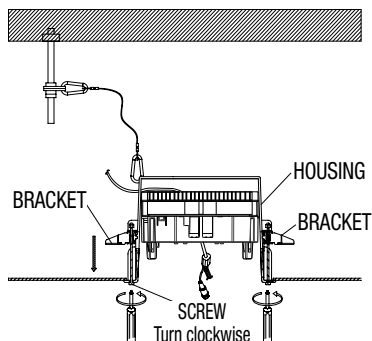
- Refer to the installation manual of the camera that you want to install, and prepare necessary cables for camera connection.



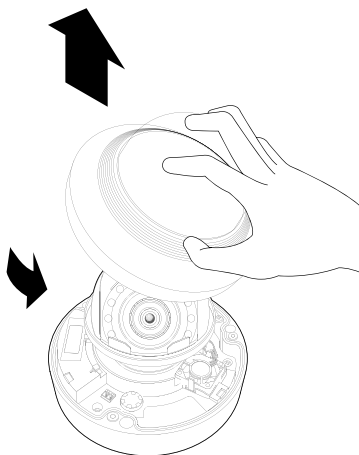
4. Push the **HOUSING** inside the **CEILING** through the **CEILING** hole, and tighten the **SCREWS** (x2) clockwise to fix the **HOUSING** on the **CEILING**.
(The **BRACKET** will be positioned from <A> to as shown.)



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



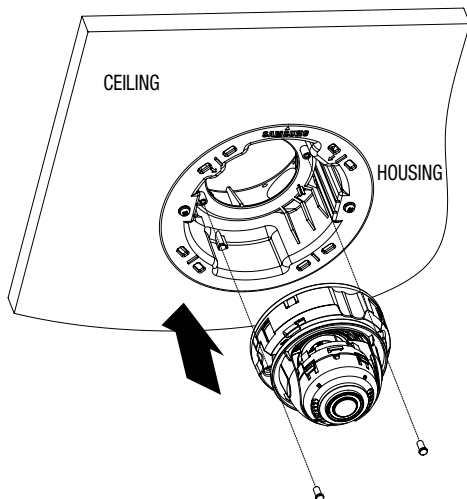
5. Remove the dome cover from the camera



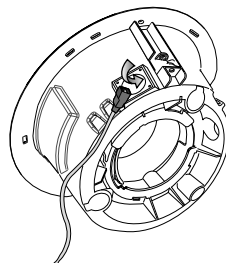
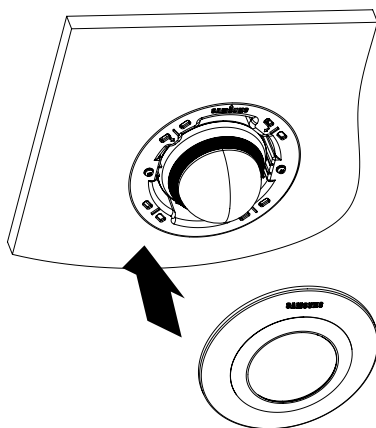
6. Installing the camera

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.



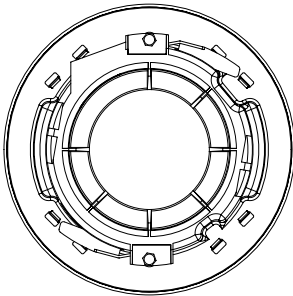
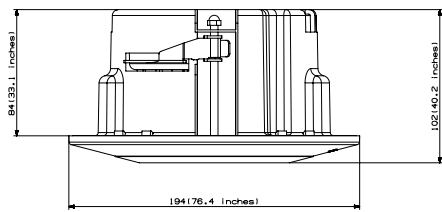
7. install the **cover** onto the **HOUSING**.



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

PRODUCT SPECIFICATIONS

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





In-ceiling Housing

설치 설명서

SHD-3000F2/SHD-3000FW2

안전을 위한 주의사항 / 사용자의 안전을 지키고 재산상의 손해를 막기 위한 내용입니다.
반드시 읽고 올바르게 사용해 주세요.



본 제품은 대한민국에서만 사용하도록 만들어져 있으며, 해외에서는 품질을 보증하지 않습니다.
FOR KOREA UNIT STANDARD ONLY

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개요

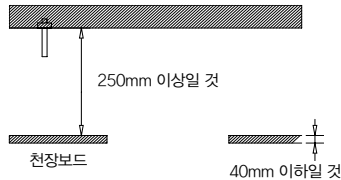
In-ceiling Housing 은 스마트돔 카메라를 이중천장에 매립형으로 설치할 경우 사용되는 어댑터입니다.

구성품

		
하우징	안전 브라켓 (1EA)	안전 와이어 (1SET)
		
형판 (1EA)	스크류 (2EA)	설치 설명서 (1권)

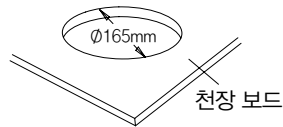
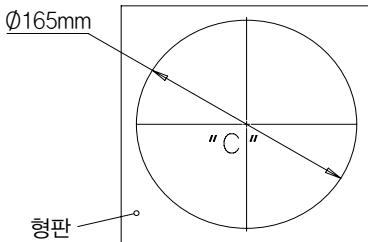
설치시 주의사항

1. 설치할 제품의 총 중량의 4배 이상을 견딜 수 있는 설치 장소를 선정하세요.
2. **천장보드** 위의 공간이 250mm 이상이 되는 장소에 설치하세요.
3. **천장보드**의 두께가 40mm 이하인 경우에만 설치가 가능합니다.
4. 낙하방지용 안전와이어를 반드시 사용하여 설치하세요.
5. 카메라를 어댑터에 설치할 경우 카메라 구입시 제공된 고정나사를 사용하세요.



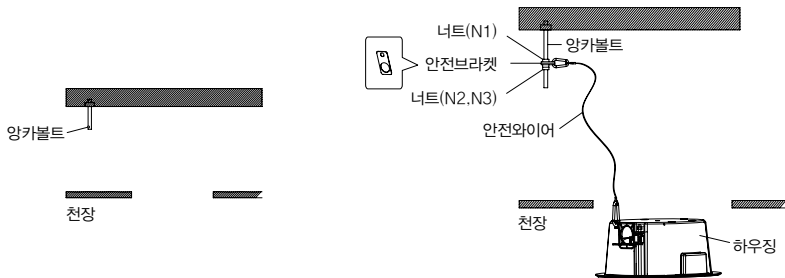
설치하기 (실내형)

1. **형판**을 이용하여 **천장보드**에 구멍을 뚫습니다.
 - ① **형판** 중앙부의 원형의 형상("C")를 분리 제거하세요.
 - ② 씰링 마운트 어댑터를 설치할 **천장보드**에 **형판 A**를 놓고, $\varnothing 165\text{mm}$ 의 원형의 구멍을 뚫습니다.
구멍의 모양은 오른쪽 그림과 같습니다.



2. 콘크리트 천장에 **양카볼트**를 설치한 후, **양카볼트에 안전와이어**를 다음의 순서에 따라 설치하세요.

- ① **양카볼트에 너트("N1")**를 체결하세요.
- ② **안전 브라켓(부속품)**을 **양카볼트**에 끼우세요.
- ③ **너트2개("N2","N3")**를 **양카볼트**에 체결하세요.
- ④ **안전 브라켓에 안전와이어**의 한쪽을 걸어 끼우세요.
- ⑤ **안전와이어**의 반대쪽을 **하우징**에 하단 그림과 같이 걸어 끼우세요.

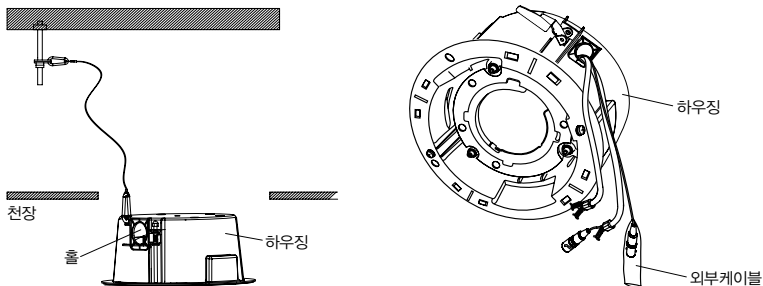


※ 양카볼트와 너트는 제공되지 않습니다.

3. 카메라에 연결하기 위한, 외부 케이블 등을 **하우징**의 측면 **홀**을 통하여, **하우징** 내부로 그림과 같이 삽입하세요.



- 설치할 카메라의 설치설명서를 참조하여, 카메라 연결에 필요한 연결 케이블을 준비하세요.

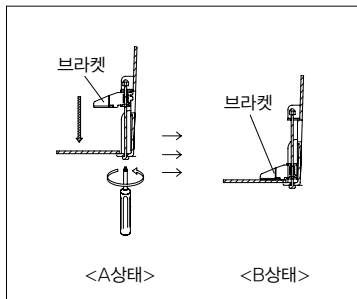
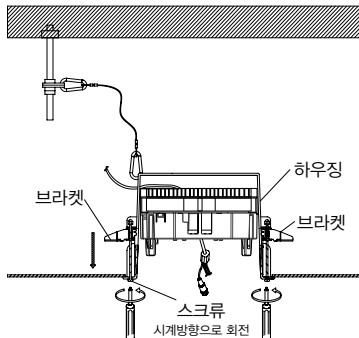


설치하기 (실내형)

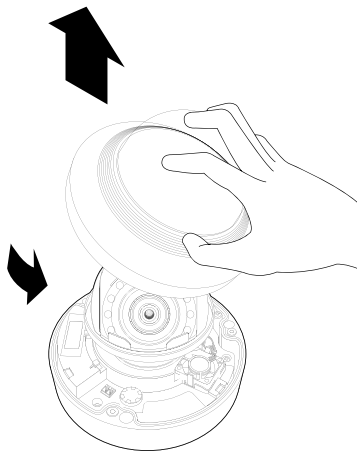
4. 하우징을 천장의 구멍을 통하여 천장 안쪽으로 밀어 넣은후, 고정용 나사 2개를 시계방향으로 회전시켜서 하우징을 천장에 고정하세요.
(브라켓이 <A상태>에서 <B상태>로 위치됩니다.)



■ 하우징이 천장보드에 흔들림 없이 정확히 고정되었는지 확인하세요.



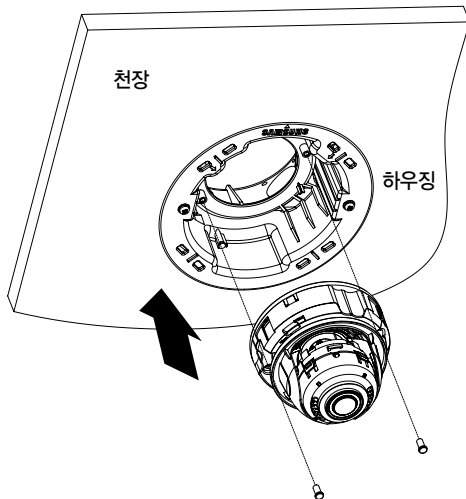
5. 카메라의 Dome Cover를 분리 하세요.



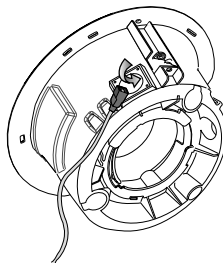
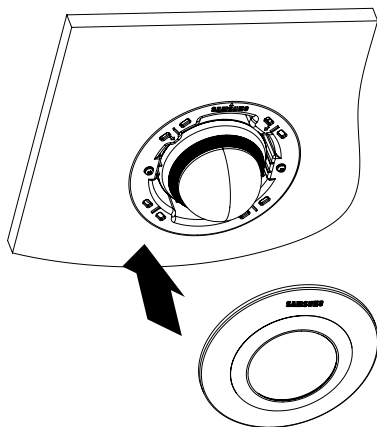
6. 카메라 장착

카메라를 제공된 스크류 2개를 이용하여 하우징에 장착하세요.

※ 카메라와 마운트를 조립할 때는 그림과 같이 방향 표시를 참조하여 설치하여 주시기 바랍니다.



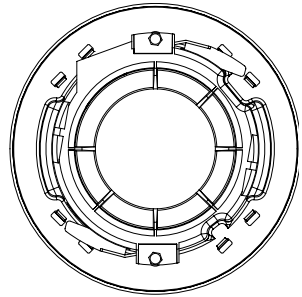
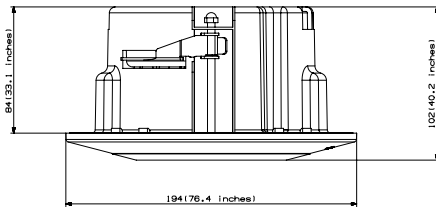
7. 커버를 하우징에 조립하세요.



※ NETWORK CABLE은 하우징 하단의
홀을 통해서 조립하세요.

제품 규격

항 목	규격
외형 크기(mm)	D194 X H102
무게	350g
사용 온도	-10℃ ~ 50℃
재질	PC
색상	아이보리색/흰색





한화비전

天花板内安装式机盒

安装手册

SHD-3000F2/SHD-3000FW2

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概述

此款天花板内安装机盒是一个安装支架，用于将智能圆顶摄像机以内置形式安装在双层天花板上。

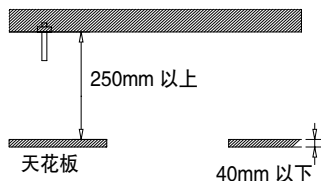
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附带提供的物品

		
机盒	安全支架 (1 个)	安全电线 (1 组)
		
模板 (1 个)	螺钉 (2EA)	安装手册

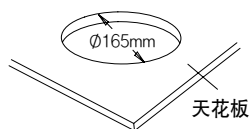
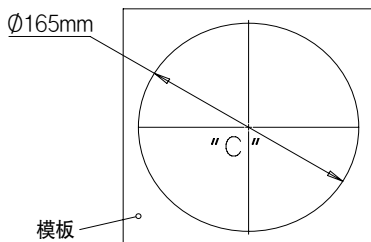
安装说明

1. 选择可以承受安装结构总重量 4 倍的安装位置。
2. 离天花板至少要有 250mm 以上的留出高度。
3. 天花板的厚度应小于 40mm。
4. 请务必绑牢安全电线，避免产品跌落。
5. 如果要将摄像机安装在支架上，请仅使用随附的螺钉。



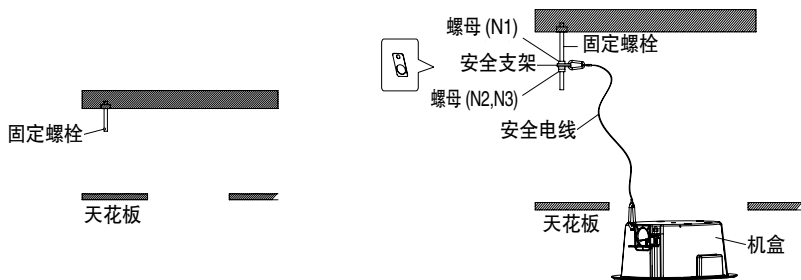
安装（室内型）

1. 将模板放在天花板上，钻引导孔。
 - ① 从模板中取下圆形的填充物（“C”）。
 - ② 将模板 A 放置要在安装天花板安装支架的天花板上，并钻一个直径为 $\varnothing 165\text{mm}$ 的孔。孔形状见下图。



2. 将固定螺栓固定在混凝土天花板上，并将安全电线固定到固定螺栓，如下所示：

- ① 将螺母（“N1”）固定在固定螺栓上。
- ② 将随附的安全支架插入到固定螺栓上。
- ③ 将两个螺栓（“N2”，“N3”）拧紧在固定螺栓上。
- ④ 将安全电线的一端挂在安全支架上并固定。
- ⑤ 将安全电线的另一端挂在机盒上并固定，如下图所示。

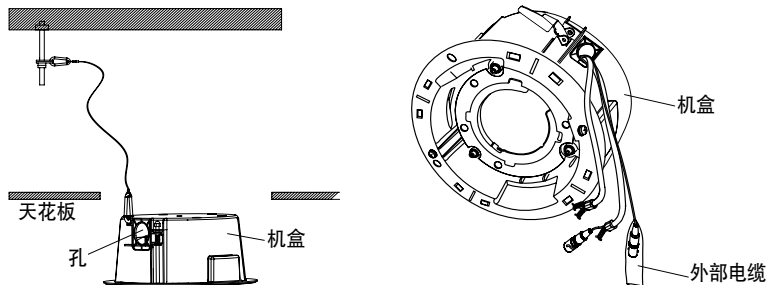


※ 固定螺栓和螺母是选购商品，产品套件不附带提供。

3. 如需连接摄像机，请将外部电缆通过机盒上的侧孔插入机盒内部，如图所示。



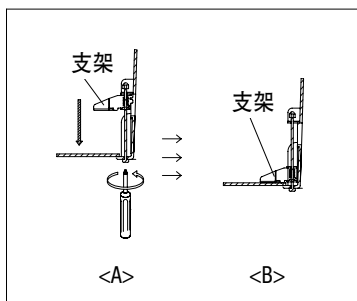
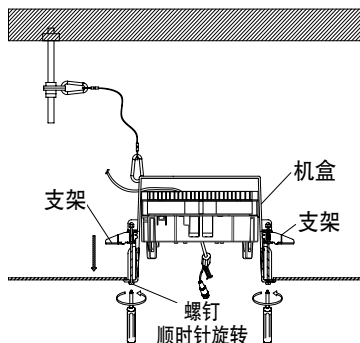
■ 请参阅要安装的摄像机的安装手册，准备必要的线缆以进行摄像机连接。



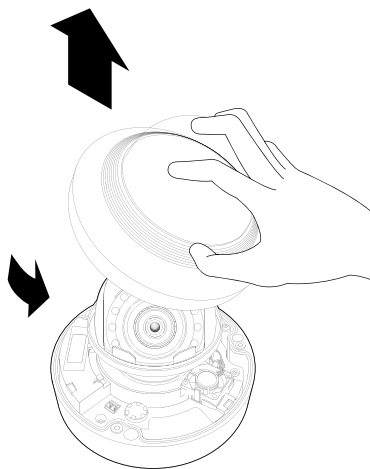
4. 在天花板内部通过天花板孔推机盒，并顺时针拧紧螺钉 (x2) 以将机盒固定在天花板上。
(应从 <A> 到 定位“支架”，如下图所示。)



■ 请确保机盒牢牢固定在天花板上。



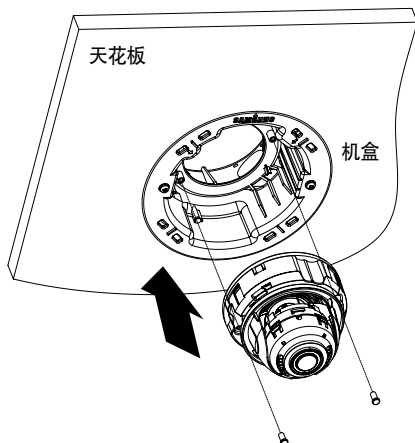
5. 从摄像机中取下圆顶盖



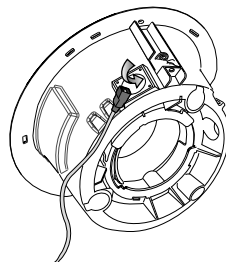
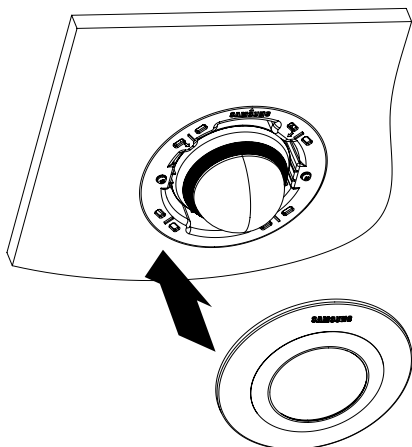
6. 安装摄像机

使用两颗螺钉，将摄像机装到机盒中。

※ 将摄像机安装到安装基座上时，请先检查下图所示的箭头方向



7. 并将护盖安装到机盒中。



※ 通过机盒底部的孔来组装网络电缆。

产品规格

项目	规格
尺寸 (mm)	D194 X H102
重量	350g
温度	-10℃ ~ 50℃
材料	PC
颜色	象牙色/白色

