SONY

In-Ceiling Bracket
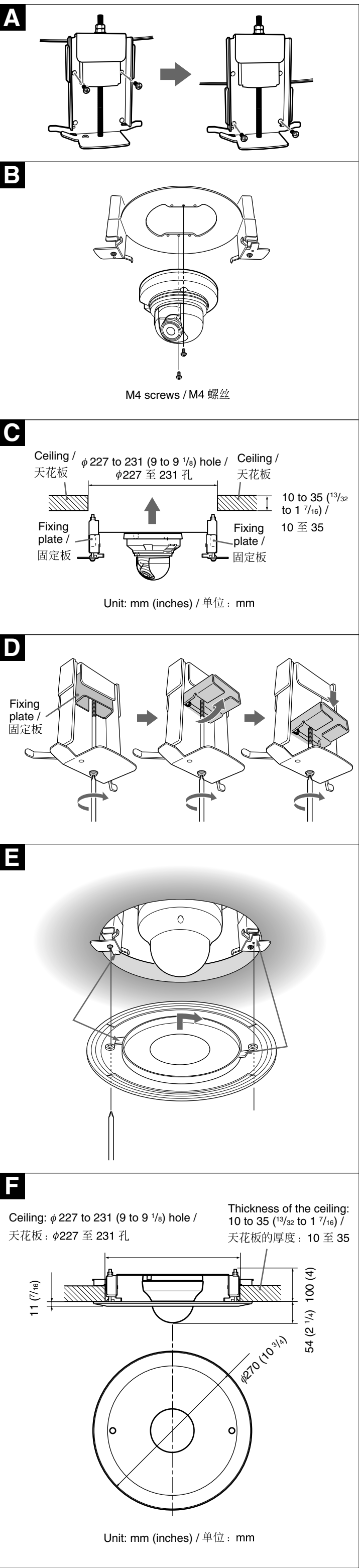# 半球嵌入安装支架

Installation Instructions
安装说明书

YT-ICB45

A

B

M4 screws / M4 螺丝

C

Ceiling / 天花板   φ 227 to 231 (9 to 9 1/8) hole / φ227 至 231 孔   Ceiling / 天花板

Fixing plate / 固定板   Fixing plate / 固定板

10 to 35 (13/32 to 1 7/16) / 10 至 35

Unit: mm (inches) / 单位：mm

D

Fixing plate / 固定板

E

F

Ceiling: φ 227 to 231 (9 to 9 1/8) hole / 天花板：φ227 至 231 孔

Thickness of the ceiling: 10 to 35 (13/32 to 1 7/16) / 天花板的厚度：10 至 35

11 (7/16)   100 (4)   54 (2 1/4)

φ270 (10 3/4)

Unit: mm (inches) / 单位：mm

WARNING

- **This installation should be made by a qualified service person and should conform to all local codes.**
- **Ensure that the installation location and its material are strong enough to withstand the gross weight of the camera and the In-Ceiling Bracket, and then install the camera securely. If they are not strong enough, the camera may fall and cause serious injury.**
- **To prevent the camera from falling, be sure to attach the wire rope supplied with the camera.**
- **If you install the camera at a height, check periodically, at least once a year, to ensure that the connection has not loosened. If conditions warrant, perform this periodic check more frequently.**

CAUTION

- **Check that the thickness of the ceiling is from 10 mm (13/32 inches) to 35 mm (1 7/16 inches) inclusive.**
- **Make a ø229 ± 2 mm (9 1/8 ± 13/16 inches) hole in the ceiling.**
- **Do not scratch your hands on the sharp edges; this may cause injury.**
- **Before attempting installation, wear gloves to prevent injury.**

Overview

The YT-ICB45 is an in-ceiling bracket designed for use with Color Video Cameras. It is used when the body of the camera is embedded in the ceiling, or with gypsum or plaster boards, where the quality of the material used in the ceiling makes it difficult for ordinary screws to hold.

Installable cameras

Color Video Camera	SSC-CD45P, SSC-CD47P, SSC-CD49P

Installing the In-Ceiling Bracket

1 Make a ø 229 ± 2 mm (9 1/8 ± 13/16 inches) hole in the ceiling. Use the supplied template. The four slotted holes on the template are usable when you decide the center position of the camera.

2 Remove the dome casing from the camera.
For details, refer to the Installation Manual or the Operating Instructions of the camera.

3 Connect the cables to the camera.

4 Remove the screws from the left and right side brackets (2 screws each) and fix the removed screws in the lower screw holes. (Fig. **A**)

5 Using the supplied M4 screws, attach the In-Ceiling Bracket to the camera's unit casing or to the bracket supplied with the camera. Attach the camera's unit casing to the In-Ceiling Bracket using two M4 screws. (Fig. **B**)
For details, refer to the Installation Manual or the Operating Instructions of the camera.

> **Note**
> When attaching, align the center of the hole on the In-Ceiling Bracket with the center of the bottom of the camera or the center of the bracket supplied with the camera. The cover of the In-Ceiling Bracket may not be attached if the centers are misaligned.

6 Be sure that the right and left fixing plates of the In-Ceiling Bracket stay in the lengthwise position (factory setting), and install the In-Ceiling Bracket with the camera on the ceiling. (Fig. **C**)

7 Tighten the left and right screws of the In-Ceiling Bracket to secure it to the ceiling.
As you tighten the screws, the fixing plates swing outward and lower to grip the ceiling. (Fig. **D**)
Be sure that the fixing plates grip the ceiling firmly.

> **Note**
> Torque the screws to 1.47 N·m (15 kgf·cm) or less to tighten them. Tightening the screws too hard may cause damage to the In-Ceiling Bracket.

8 Remove the slit cover, and adjust the shooting direction and range of the camera.
After the adjustment, replace the slit cover.
For details, refer to the Installation Manual or the Operating Instructions of the camera.

9 Attach the dome casing to the camera's unit casing.
For details, refer to the Installation Manual or the Operating Instructions of the camera.

10 Attach the cover of the In-Ceiling Bracket. (Fig. **E**)
Attach the cover while turning it so that the projections inside the cover are inserted in the bracket, and tighten the two screws on the cover.

Removing the In-Ceiling Bracket

Loosen the two screws on the cover and turn the cover to remove it. Loosen the right and left screws of the In-Ceiling Bracket until the fixing plates swing back lengthwise. Then remove the In-Ceiling Bracket and the camera.

> **Notes**
> - Remove the cover vertically.
> - Torque the screws to 1.47 N·m (15 kgf·cm) or less to loosen them. Loosening the screws with excessive force may cause damage to the In-Ceiling Bracket.
> - Hold the camera while loosening the screws; otherwise the In-Ceiling Bracket and the camera may fall.

Specifications

Mass	Approx. 850 g (1 lb 17 oz)
Dimensions	See Figure **F**.
Supplied accessories	Template (1), M4 screws (4), Installation Instructions (1)

警告

- 本安装必须请指定的专业人员进行并符合当地代码。
- 必须确保安装位置及其材质有足够的强度承受摄像机和半球嵌入安装支架的总重量，然后再牢固安装摄像机。如果强度不够，则摄像机可能掉落并造成严重的人员受伤。
- 为防止摄像机掉落，必须连接摄像机附带的钢绳。
- 如果摄像机安装在高处，请定期检查，每年至少一次，以保障连接没有松动。如果条件允许，请更频繁定期检查。

注意

- 检查天花板的厚度是否在 10mm 至 35mm 之间。
- 在天花板上打一个 Ø229±2mm 的孔。
- 切勿让您的手被锋利的边缘刮到；否则可能会造成伤害。
- 尝试安装之前，请戴上手套防止受伤。

概述

YT-ICB45 是专为配合半球型摄像机使用而设计的半球嵌入安装支架。当需要摄像机机身嵌入天花板、或含有石膏或灰泥的板材时，天花板中所使用的材料质量会难以固定普通螺丝，此时请使用此支架。

安装摄像机

半球型摄像机	SSC-CD45P, SSC-CD47P, SSC-CD49P

安装半球嵌入安装支架

1 在天花板上打一个 Ø 229±2mm 的孔。
请使用附带的模板。在确定摄像机的中心位置时，可以使用模板上四个插槽孔。

2 从摄像机上拆下圆顶盖。
详细说明，请参阅摄像机的安装手册或使用说明书。

3 将电缆连接至摄像机。

4 拆下左右两侧支架的螺丝（每侧 2 颗螺丝），并将拆下的螺丝拧入下方的螺丝孔。（参见图 **A**）

5 使用附带的 M4 螺丝，将半球嵌入安装支架安装在摄像机装置的外壳上，或安装在摄像机附带的支架上。
用两颗 M4 螺丝将摄像机装置的外壳安装在半球嵌入安装支架上。（参见图 **B**）
然后将摄像机装置的外壳安装在支架上。
详细说明，请参阅摄像机的安装手册或使用说明书。

> **注意**
> - 安装时，将半球嵌入安装支架上孔的中心对准摄像机底部的中心或摄像机附带支架的中心。如果中心未对准，则可能无法安装半球嵌入安装支架的盖子。

6 确保半球嵌入安装支架的左右固定板处于纵向位置（出厂设定），然后再将连着摄像机的半球嵌入安装支架安装在天花板上。（参见图 **C**）

7 拧紧半球嵌入安装支架的左右螺丝，将其固定在天花板上。
您在拧螺丝时，固定板将向外和向下摆动，以夹紧天花板。（参见图 **D**）
必须确保固定板夹紧天花板。

> **注意**
> 使用 1.47 N·m 或更小的扭矩拧紧螺丝。螺丝拧得过紧可能会损坏半球嵌入安装支架。

8 拆下开口盖，调节摄像机的拍摄方向和范围。
调节后，请重新装上开口盖。
详细说明，请参阅摄像机的安装手册或使用说明书。

9 将圆顶盖安装在摄像机装置的外壳上。
详细说明，请参阅摄像机的安装手册或使用说明书。

10 安装半球嵌入安装支架的盖子。（参见图 **E**）
边转动设置上盖子，使盖子内的突出部位插入支架，然后拧紧盖子上的两颗螺丝。

拆卸半球嵌入安装支架

松开盖子上两颗螺丝，然后转动盖子将其拆下。松开半球嵌入安装支架上左右螺丝，直至固定板回到竖直方向。然后拆下半球嵌入安装支架和摄像机。

> **注意**
> - 请垂直拆下盖子。
> - 使用 1.47 N·m 或更小的扭矩松开螺丝。松开螺丝时用力过大可能会损坏半球嵌入安装支架。
> - 松开螺丝时必须拿住摄像机，否则半球嵌入安装支架和摄像机可能会掉落。

规格

质量	约 850g
尺寸	参见图 **F**。
附件	模板（1） M4 螺丝（4） 安装说明书（1）