**SAMSUNG**

■ Before attempting to operate this product, please read the instructions carefully.

# SAMSUNG TECHWIN
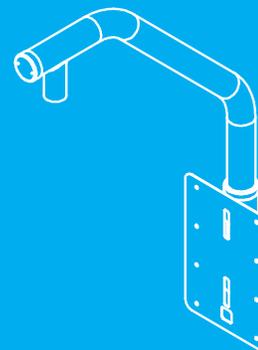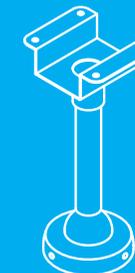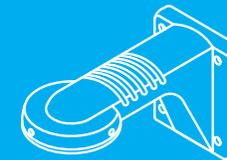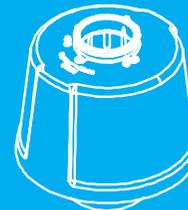
**SAMSUNG**

## SPEED DOME CAMERA ACCESSORIES

# USER'S MANUAL

**STH-1000PO/STB-30PF**
**STH270PW/STB-496PPV**
**STB-350PPM/STB-330PPM**
**STB-340PCM**

# Cautions and Warnings for Use

Samsung Techwin cares for the environment at all product manufacturing stages to preserve the environment, and is taking a number of steps to provide customers with more environment-friendly products.The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

**Thank you for purchasing our products.**
**This product is to be used for the installation of the Samsung 10x optical zoom Speed Dome Camera series.**
**Before application, please read the user s manual carefully.**

▶ Note that you need to read carefully all contents related to safety and application methods before application.

▶ When using the product, the precautions/warnings, usage directions, operating methods, and instructions must all be observed.

▶ The power and cable connections should be made by a product installation specialist.

▶ Do not connect and use these accessories to products other than the Samsung Speed Dome Camera Series.

▶ The locations for installing the Accessory housing should be strong enough to fully secure the accessories, and all installations need to be carried out by experienced engineers.

▶ Do not use it for purposes other than for the installation mentioned above.
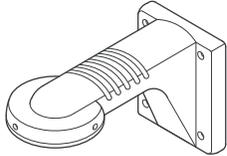
# Contents

## STH-1000PO

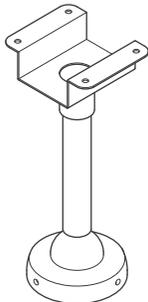: "Outdoor Housing" for the Samsung Speed Dome Camera.
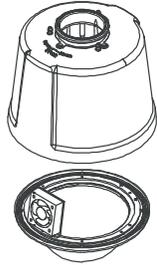
## STB-270PWV

: This "Wall Type Mount" is used for the installation of indoor or outdoor housing (STH-330POV / STH-330PIV / STH-320PO) of Samsung Speed Dome Camera.

## STB-496PPV

: This "Ceiling Type Mount" is used for the installation of indoor or outdoor housing (STH-330POV / STH-330PIV / STH-320PO) of Samsung Speed Dome Camera.
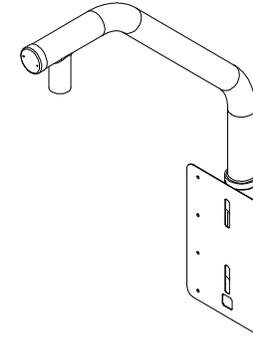
## STB-30PF

: It is the "Ceiling Flange" for Samsung Speed Dome cameras.

## STB-350PPM

: It is the "Parapet mount" used to install the indoor/outdoor housing for Samsung Speed Dome cameras.
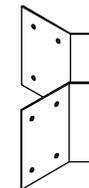
## STB-330PPM

: It is the "Paul Mount" for Samsung Speed Dome cameras.
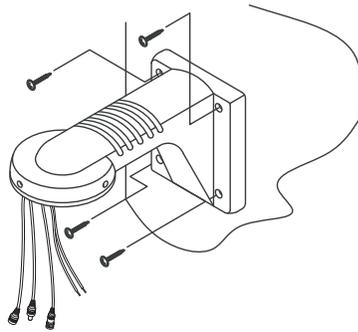
## STB-340PCM

: It is the "Coner mount" for Samsung Speed Dome cameras.
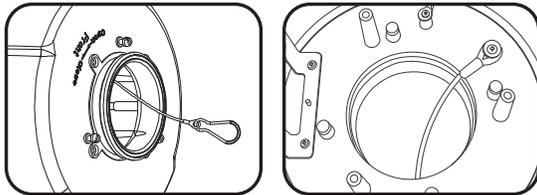
## ■ STH-1000PO (Outdoor Housing)

1. Using the four screws that are enclosed, fix the STH-270PWV wall mount onto the wall on the right hand side of where the speed dome camera is to be installed.
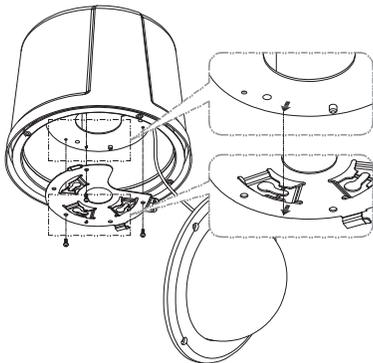
**Cautions**

● Pull the connection cable out of the wall type mount through the hole in advance.



2. Pull the safety cable that is fixed to the housing outside of the housing.



3. Before installing the product on the mount, open the dome cover for the housing of the outdoor speed dome and align the direction of the arrow for the camera holder with the housing base, then fix it using the screws enclosed.



4. Connect the safety cable from the housing to the internal fixture ring of the STH-270PWV wall mount.
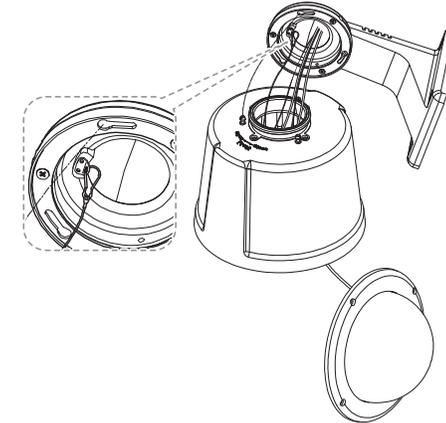


**Cautions**

● Check the the safety cablesafety cable connection. If the safety cable is not connected, it may cause injury or damage to the product.

5. Insert the cable into the housing and fit the housing into the internal groove of the wall mount, making sure that the Samsung logo is facing the front.

6. Connect the AC 24V power cable to the fan heater PCB cable terminal.

7. Connect the video cable, the controller cable, the camera power adapter cable and the ID setting cable to the speed dome camera.

**Cautions**
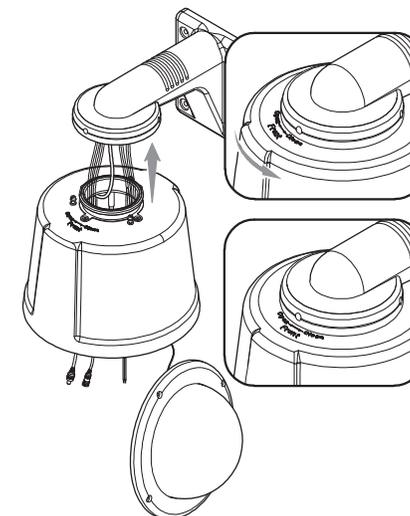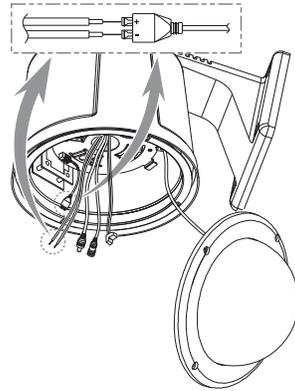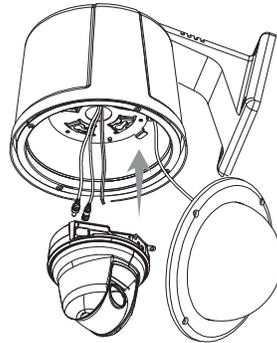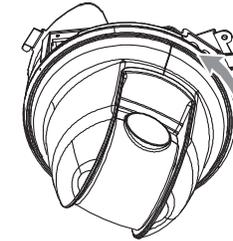
● Before installing the outdoor housing on the wall mount, set the camera ID, the terminating resistance and the protocol selection switch.

8. Install the speed dome camera on its holder in the housing, and make sure that it is facing in the right direction. (When installing the camera, push the cables into the empty space of the housing to make sure that the cables are not pinched.)

9. Assemble the speed dome by turning it in the direction of the arrow.

10. Install the dome cover for the speed dome's outdoor housing.
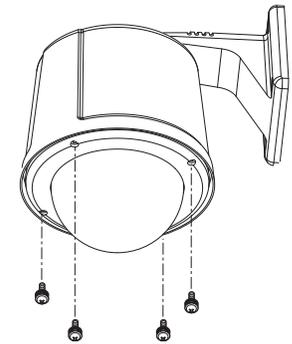
11. Make sure that all the devices are connected correctly to the camera and then check the functions of the camera. If there are no problems, affix the housing onto the wall mount using the three screws.
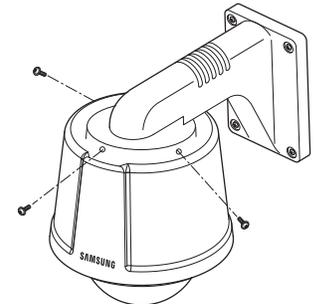
**Cautions**

● Check out the input voltage of the power adapter before connecting the power.
● It is necessary to tighten the screw to prevent unfastening.
● If the screw to prevent unfastening is not tight, the camera installed may fall due to vibration or shock from the environment.
● Set up the Camera ID, the Termination Resistance and the Protocol Selection Switch before installing the outdoor housing on the ceiling type mount.

### ■ STB-496PP (Ceiling Type Mount)

1. Fix the ceiling type mount STB-496PPV at the desired installation location on the ceiling using 4 screws.

2. The remaining installation methods are the same as those for indoor/outdoor housing.

### ■ STB-30PF (Ceiling Flange)

1. The installation method for the ceiling type flange STB-30PF is the same as for the ceiling type mount. The use of a separate pipe and ceiling bracket is optional.
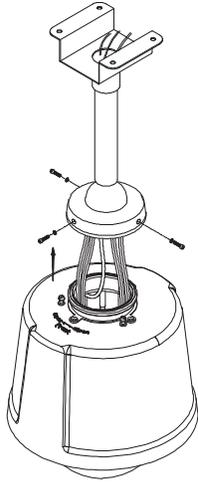
### ■ STB-330PPM (Paul Mount)

wall type mount

1/4" SCREW : 4EA
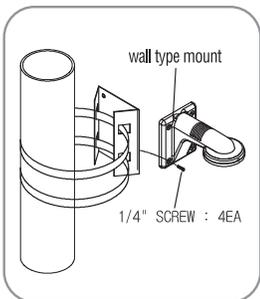
1. Fix the paul mount by using wires.

2. Fix the wall type mount(STB-270PWV) with four 1/4 inch screws.

### ■ STB-340PCM (Coner Mount)
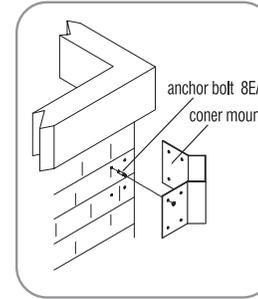
anchor bolt 8EA
coner mount

1. Drill holes in the wall to insert anchor bolts with spaces between the holes in the wall matching those in the corner mount.

2. Insert the anchor bolts into the holes using a tool. Place the corner mount through the anchor bolts. Fix the corner mount by fastening the 8 nuts.

wall type mount

1/4" SCREW : 4EA
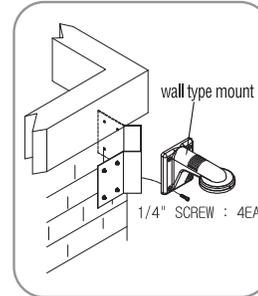
3. Fix the wall type mount(STB-270PWV) with four 1/4 inch screws.

# Installation Guide

## ■ STB-350PPM (Parapet Mount)
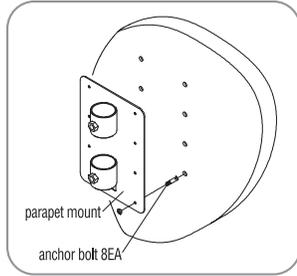


parapet mount

anchor bolt 8EA

1. Drill holes in the wall to insert anchor bolts with spaces between the holes in the wall matching those in the corner mount.
2. Insert the anchor bolts into the holes using a tool. Place the corner mount through the anchor bolts. Fix the corner mount by fastening the 8 nuts.
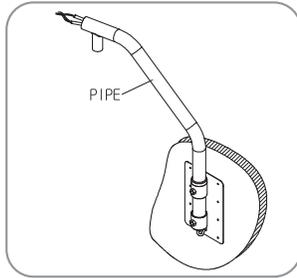


PIPE

3. Insert the cables into the pipe through the opposite end of the pipe.
4. Place the pipe on the parapet mount.
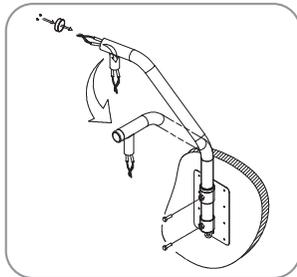


5. Arrange the cables as shown in the picture and adjust the pipe cover with the screw.
6. Adjust the direction of the pipe and then fix it with screws.
7. Install the product.

# Component Name

## ■ Wall Mounting



FAN

PLATE DOME

DOME COVER

RUBBER GASKET

RING DECORATION

CEILING FLANGE

CEILING BRACKET

WALL TYPE MOUNT

CEILING BRACKET

CEILING SUPPORT

CEILING BRACKET

HOUSING FLANGE
CEILING SUPPORT
SILICON PAD
HOUSING INDOOR

HEATER FILM

P.C.B BRACKET

PIPE COVER

PARAPET PIPE

PARAPET MOUNT

PAUL MOUNT        CONER MOUNT

# Component Name

## ■ Ceiling Mounting

FAN

PLATE FIX DOME

DOME COVER

RUBBER GASKET

RING DECORATION

CEILING FLANGE

CEILING BRACKET

WALL TYPE MOUNT

CEILING PIPE

CEILING FLANGE

CEILING BRACKET

HOUSING OUTDOOR

CEILING BRACKET

HOUSING FLANGE

CEILING SUPPORT

SILICON PAD

HOUSING INDOOR

HEATER FILM

P.C.B BRACKET

# External Dimensions

(mm)

## ■ Wall Mounting

207
322
284.5
R83
R80
Ø 242
R83

207
187
20
100
Ø 93
Ø 120
175
125
270
4-Ø 7Hole

3-Ø 8
120°
3-M4 TAP
4−1/4" TAP
130
125
185±0.6
185±0.7
100
155±0.7

194.17
155 ±0.5
306.21
185±0.7
4−Ø8
48.44
185±0.7
135±0.7

4−1/4" TAP
130
125
185±0.7
100

651
935.8
8−Ø7
350
300
100 100
100
180
250

## ■ Ceiling Mounting

(mm)



| Item \ Model | STH-1000PO | | STB-270PWV | | STB-496PPV | |
|---|---|---|---|---|---|---|
| Operating Temperature Range | -20°C ~ 50°C | | -20°C ~ 50°C | | -20°C ~ 50°C | |
| Storage Temperature Range | -20°C ~ 70°C | | -20°C ~ 70°C | | -20°C ~ 70°C | |
| Humidity | 0 to 90%RH | | 1 to 90%RH (non-condensing) | | 1 to 90%RH (non-condensing) | |
| Materials | Housing Outdoor | AL | Wall Type Mount | ALDC 12 | Ceiling Flange | ALDC 12 |
| | Ring Decoration | ALDC 12 | | | Ceiling Pipe | SPPS 32A/Sch 40 |
| | Dome Cover | POLY CARBONATE | Ceiling Bracket | E.G.I 2.0t | Ceiling Bracket | E.G.I 2.0t |
| | | | | | Ceiling Plate | SPCC |
| Accessories (mm) | SCREW (4EA) | BH MS M4 X L6 | SCREW (4EA) | Self Drilling Screw #8 X L38(FZY) | SCREW (4EA) | Self Drilling Screw #8 X L38(FZY) |
| | | | SCREW (3EA) | PH MS M4 X 14 | SCREW (3EA) | PH MS M4 X 14 |
| Others | Fan | DC 24V 0.06A OperatingTemp.: more than 45°C | | | | |
| | Heater | DC 24V 0.8A OperatingTemp.: more less 10°C | | | | |
| Antivibration/Waterproof | IP66 | | - | | - | |
| Weight (Net) | 2,218g | | 1,130g | | 1,750g | |
| Weight (Gross) | 3,160g | | 1,320g | | 1,970g | |
| Dimensions | Ø242 x 284.5 | | 270 x 175 x 140 | | 150 x 496 | |

| Item \ Model | STB-30PF | | STB-350PPM | | STB-340PCM | | STB-330PPM | |
|---|---|---|---|---|---|---|---|---|
| Operating Temperature Range | -20°C ~ 50°C | | -20°C ~ 50°C | | -10°C ~ 50°C | | -20°C ~ 50°C | |
| Storage Temperature Range | -20°C ~ 70°C | | -20°C ~ 70°C | | -20°C ~ 70°C | | -20°C ~ 70°C | |
| Humidity | 0 to 90%RH | | 1 to 90%RH (non-condensing) | | (non-condensing) | | (non-condensing) | |
| Materials | Ceiling Flange | ALDC 12 | Parapet Pipe | PF 11/4 (32A) | Coner Bracket | SPCC | Paul Bracket | SPCC |
| | Ceiling Pipe | E.G.I 2.0t | Parapet Plate | SUS | | | | |
| | | | Pipe Cover | SUS | | | | |
| Accessories (mm) | SCREW (3EA) | PH MS M4 X 14 SUS | Set Anchor -6 (8EA) | 1/4´´ | SCREW (4EA) | 1/4´´ | SCREW (4EA) | 1/4´´ |
| | | | SCREW (2EA) | M16 X20 (SUS) | Set Anchor -6 (8EA) | 1/4´´ | | |
| | | | SCREW (2EA) | PH MS M3 X10 (SUS) | | | | |
| Others | | | | | | | | |
| Antivibration/Waterproof | - | | - | | - | | - | |
| Weight (Net) | 366g | | 8,000g | | 1,308g | | 584g | |
| Weight (Gross) | | | | | | | | |
| Dimensions | 126 X 66 | | 680 X 920 X 63 | | 306 X 194 X 185 | | 185 X 155 X 48 | |