

Integrated High Speed Dome Camera Installation Guide

Indoor / Outdoor

Ver 1.1

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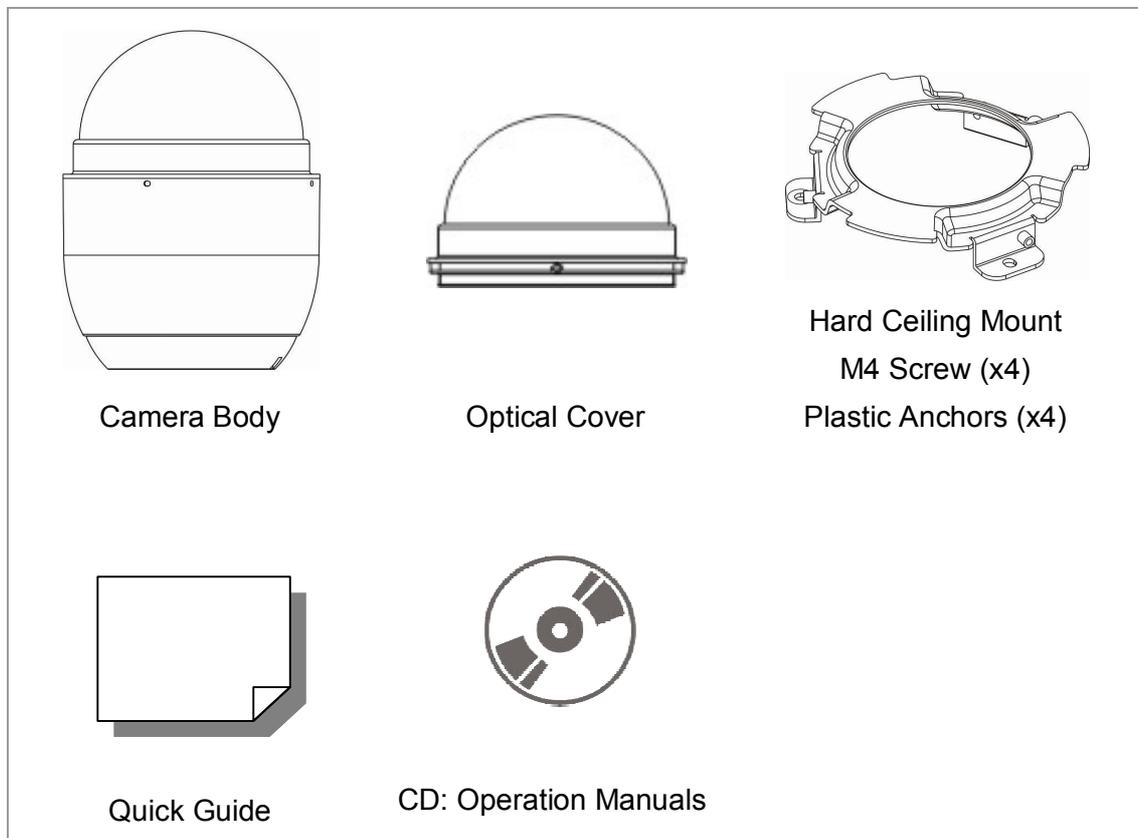
1. Introduction

The Integrated High Speed Dome Camera is designed to deliver superb performance and durability with an intelligent and stylish housing that is suitable in any security and surveillance installation.

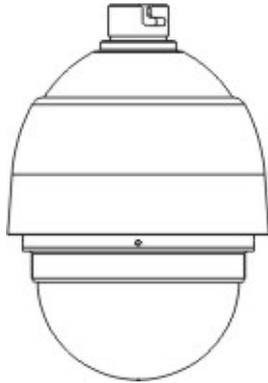
2. Standard Package Contents

Before proceeding, please check the box contains the items listed here. If any item is missing or has defects, DO NOT install or operate the product, instead please contact your dealer for assistance.

Indoor Model



Outdoor Model



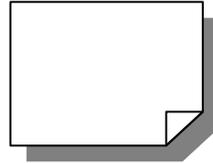
Camera Body with
Outdoor Mount Kit



- M3 Standard Screw (x1)
- M3 Security Screw (x1)*
- M5 Standard Screw (x1)
- M5 Security Screw (x1)*



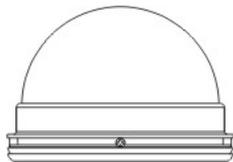
Waterproof Rubber



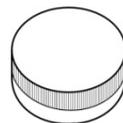
Quick Guide



CD: Operation Manuals



Optical Cover



Lubricant



Security Torx*

*Optional: For Vandal Proof Cover only.

3. Camera Setups and Cable Connections

Before installing or connecting the Dome Camera, please refer to this section and complete preparations for dome setups and various switch settings.

There will be a PE cloth sheet covered inside the dome cover and a lens cap on the lens for shipping protection. Follow the steps below to remove those protective materials.

Step 1: Unpack the dome package and take out the dome body.

Step 2: Rotate and remove the protective cover.

Step 3: Remove the PE cloth sheet and take off the lens cap.

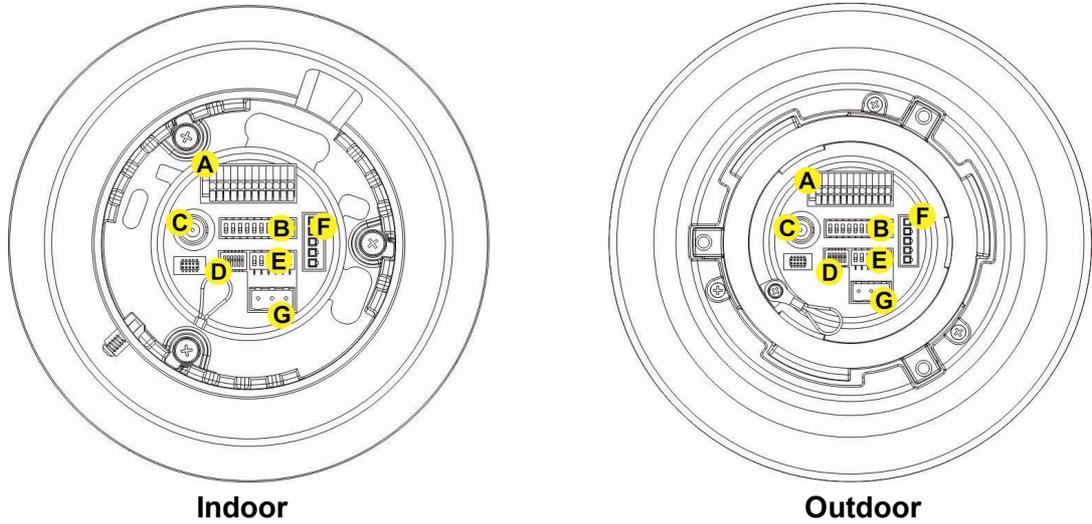
Step 4: Attach the dome cover to the dome body.

3.1 Dome Camera Setups

Before connecting the Dome Camera to other devices, please complete the Dome Camera's ID and communication switch setting. These switches are located on the rear plate of the Dome Camera.

3.1.1 Switch / Connector Definition

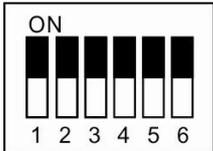
There are various connectors located on the Dome Camera's back plate as shown in the figures below. Please refer to the diagrams and tables accompanied with for use of each switch / connector.



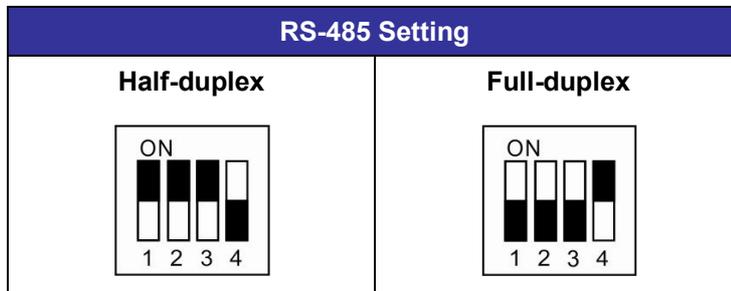
Item	Definition	Remark
A	I/O	ALARM I/O
B	ID	Dome Camera ID Setup DIP Switch
C	BNC	BNC Signal Output
D	SETTING	Communication Switch Setting
E	Protocol	Camera Control Protocol Setting
F	RS-485	RS-485 Connector
G	AC 24V Connector	Power Connector

3.1.2 Communication Switch Setting

The Camera's communication switches are specified in the table below.

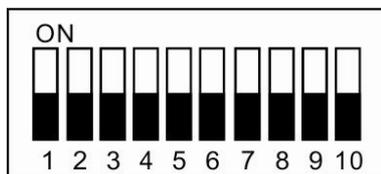
Communication Switch	SW 1		
	SW 2		
	SW 3		
	SW 4		
	SW 5		Reserved
	SW 6		Reserved

RS-485 is the interface that communicates the Camera and its control device; for this reason, the RS-485 setup of the Camera and the control device must be the same. The RS-485 default setting is half-duplex (see the diagram follows). Please do not change the default setting without qualified specialist or supplier's notice.



3.1.3 ID Setup

Please assign an ID number to a Camera if there is more than one Camera in the same network. The camera's ID can be setup using the 10-bit ID Dip Switch, which is located on the Camera's back plate. If the Camera's ID number is 6, for instance, the ID switch SW 2 and SW 3 should be set to "ON" and the rest should be set to "OFF" as shown below. Dip Switch configuration for ID No. 0~10 are listed in the table below. To complete ID setups, please refer to the [Integrated High Speed Dome Camera User's Manual](#).



For switch configuration details, please refer to [Integrated High Speed Dome Camera User's Manual > Appendix B: Switch Settings Index Table](#).



NOTE: No two Cameras should be given the same ID, or communication conflict may occur.

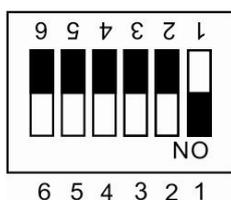
3.1.4 Camera Control Protocol Setting

Define the protocol you are going to use basing on the devices of your surveillance system. Generally, use one protocol even the devices are provided from different manufacturers. Please refer to the table below for all supported protocols with their matching switch numbers and baud rate and choose a protocol for your Camera.

The table below shows various protocols with their matching switch numbers and baud rate.

Switch No.	Protocol	Baud Rate
00	VCL	9600
01	Pelco D	2400
02	Pelco P	4800
04	Chiper	9600
05	Philips	9600
07	DSCP	9600
08	AD422	4800
09	DM P	9600
11	Pelco D	4800
12	Pelco D	9600
13	Pelco P	2400
14	Pelco P	9600
15	JVC	9600
21	Kalatel-485	9600
22	Kalatel-422	4800

Use the 6-bit dip switch (Camera Control Protocol Switch) to set your camera’s control protocol and its baud rate. If select protocol “Pelco D”, which is of switch no. 01 and baud rate 2400, for instance, set the SW-1 to “ON,” with the rest to “OFF” as shown below.



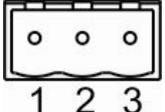
For switch configuration details, please refer to [Integrated High Speed Dome Camera User’s Manual > Appendix B: Switch Settings Index Table](#).

3.2 Cables and Connections

For operation, the Dome Camera requires power cable and RS-485 as described below:

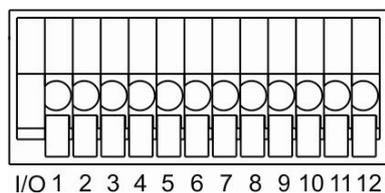
3.2.1 Power Connection

Please refer to the illustrations below for power connector definition before wiring.

	SW 1	AC 24V_1
	SW 2	GND
	SW 3	AC 24V_2

3.2.2 Apply Alarm I/O Definition

The Camera supports 4 digital alarm inputs and 2 digital alarm outputs. Please make sure the alarm connections are properly wired before starting to configure alarm related settings. Please refer to the pin definition table below for alarm system wiring.



Pin	Definition
1	ALARM_OUT_NO_1
2	ALARM_OUT_NC_1
3	ALARM_OUT_COM_1
4	GND
5	ALARM_OUT_NO_2
6	ALARM_OUT_CN_2

Pin	Definition
7	ALARM_OUT_COM_2
8	GND
9	ALARM_IN_4
10	ALARM_IN_3
11	ALARM_IN_2
12	ALARM_IN_1

3.2.3 RS-485 Connector Definition

Please refer to the illustrations below for RS-485 connector definition before wiring.

RS-485 Connector	SW 1	R-
	SW 2	GND
	SW 3	R+
	SW 4	T-
	SW 5	T+

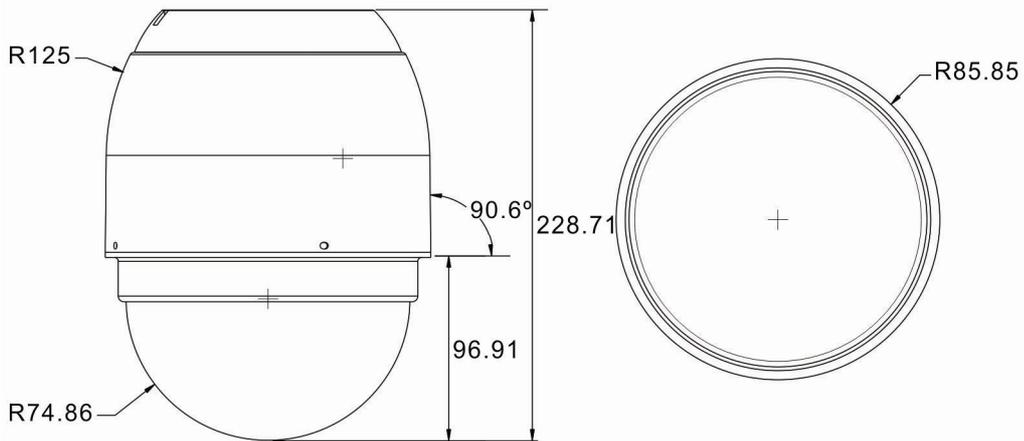
4. Dome Camera Installation

Basing on user's installation environments, the Dome Camera can be installed on ceiling, on wall or on pole. In the following sections, various Dome Camera installation accessories, installation methods and installation procedures will be described in detail. In addition, the next section will provide the Dome Camera's dimensions for your reference before installation.

4.1 Camera Dimensions

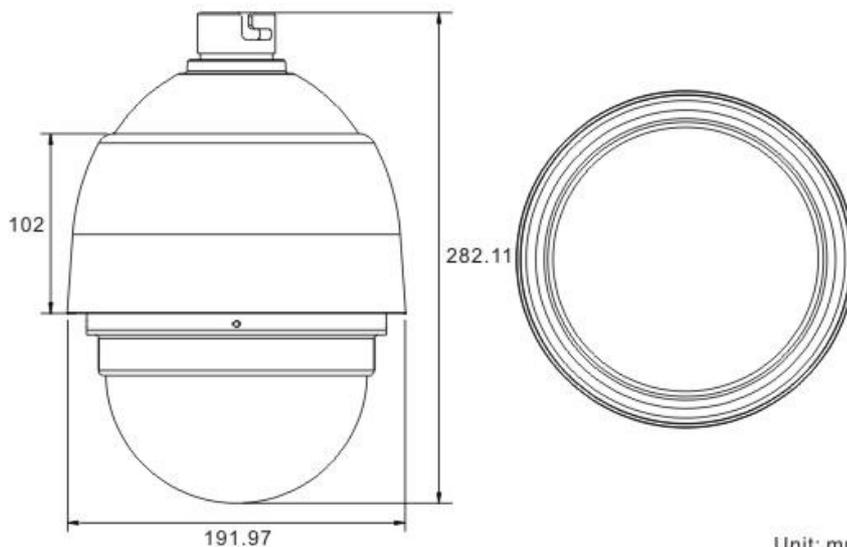
The Dome Camera's dimensions are as below show detailed dimensions for the Dome Camera's different parts.

Indoor



Unit:mm

Outdoor

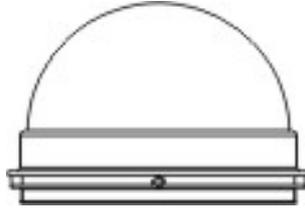


Unit: mm

4.2 Optional Accessories

Dome Camera Accessories

Transparent / Vandal Proof



Transparent Cover (Standard)

Vandal Proof Cover (Optional)

Power Adapter

77H07-A1015 (Input: 100~115VAC / Output: 24VAC 36VA)

77H07-A2015 (Input: 220~230VAC / Output: 24VAC 36VA)



NOTE: When wiring, make sure the G / Y wire (Ground) inserted into the mid-pin of the terminal block.

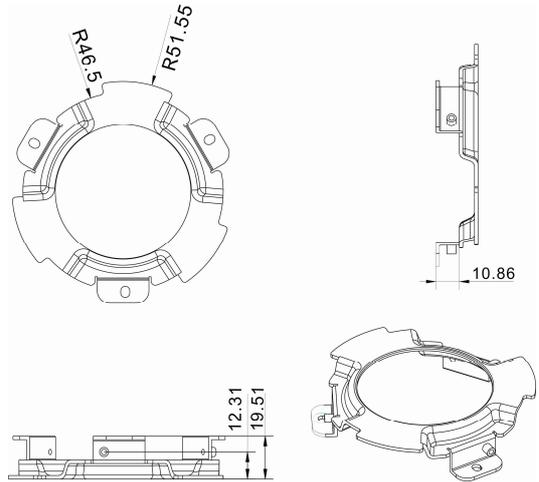
Mounting Accessories

Hard Ceiling Mount (Standard Equipment)

For Hard Ceiling Installation. Height: 24.01 mm (0.95 inches);

Diameter of the three holes: 4.2 mm (0.17 inches);

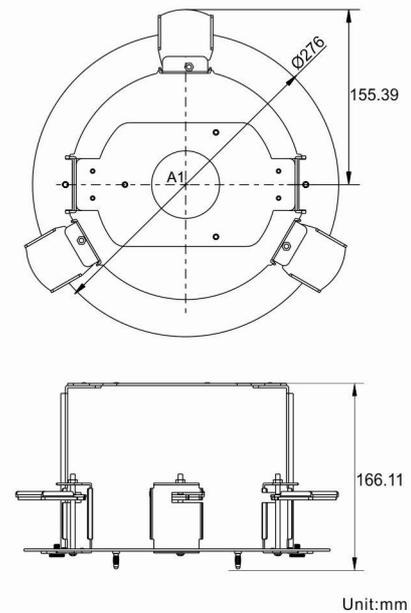
Diameter of the bracket: 103.1 mm (4.1 inches); Weight: 65 g (0.14 lbs).



In-Ceiling (T-Bar) Mount

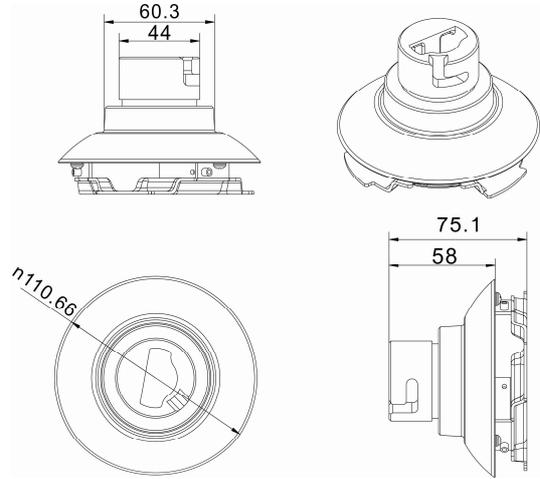
For In-Ceiling Installation.

Height: 166 mm (6.5 inches); Diameter: 276 mm (10.9 inches); Weight: 1.1 kg (2.4 lbs).



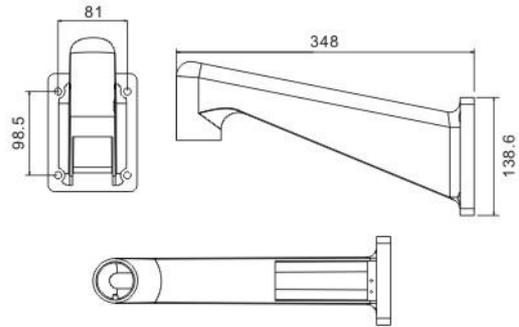
Indoor Mounting Kit (IMK)

Height (with Hard Ceiling Mount): 75.1 mm (3.0 inches); Height: 58 mm (2.3 inches);
Total Width: 110.66 mm (4.4 inches); Weight: 260 g (0.56 lbs).



Standard Pendant Mount

Dimension: 348×104×138.6 mm (13.7×4.1×5.5 inches); Weight: 1.5 kg (3.3 lbs);
Diameter: 45 mm (1.8 inches).
Supplied with M8x12 screw x1, spring washer-8 x1, pendent tube washer x1,
rubber washer-8 x1 and sponge x2.

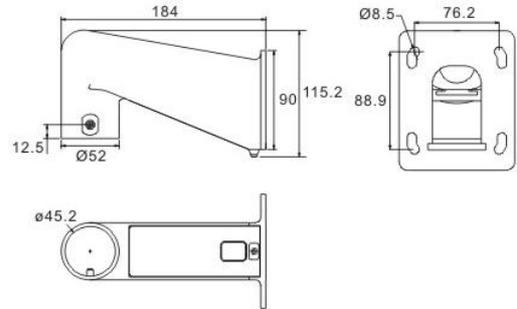


Unit: mm

Compact Pendant Mount

Dimension: 184×104×115.2 mm (7.24×4.09×4.54 inches); Weight: 0.6 kg (1.2 lbs).

Supplied with rubber washer-8 x1, pendent tube washer x1, spring washer-8 x1 and M8x12 screw x1.

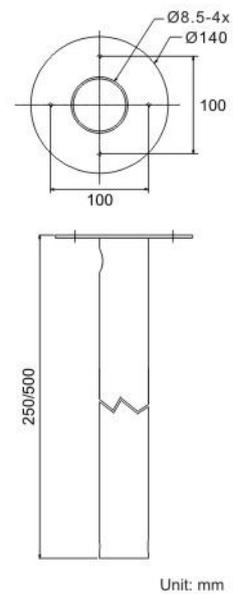
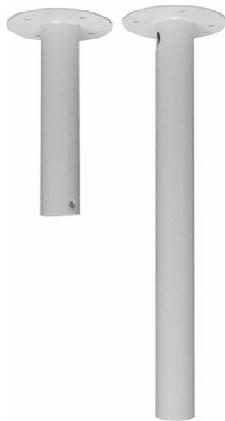


Straight Tube

Iron; Height: 250 / 500 mm (9.8 / 19.7 inches); Diameter: 50 mm (2 inches);

Weight: 1 kg (2.2 lbs) / 1.8 kg (4 lbs).

Supplied with M8x12 screw x1, spring washer-8 x1, pendent tube washer x1, rubber washer-8 x1 and waterproof rubber x1.

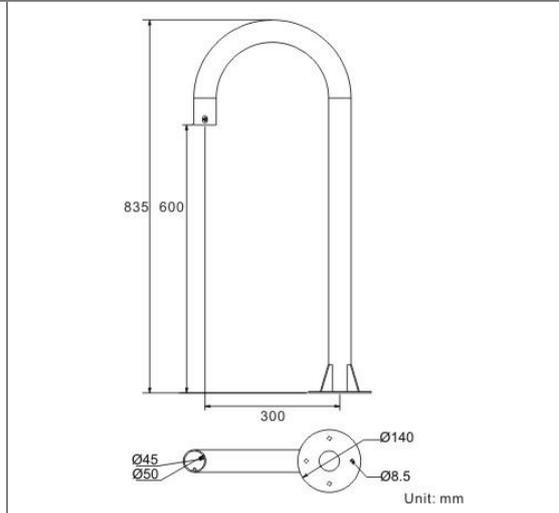


Swan Tube

For mounting with Swan Tube.

White; Iron, Dimension: 835 x 300 mm (32.9×11.8 inches); Diameter: 45 mm (1.8 inches);
Weight: 3.8 kg (8.4 lbs).

Supplied with pendent tube washer x1, rubber washer-8 x1, waterproof rubber x1,
spring washer-8 x1 and M8x12 screw x1.

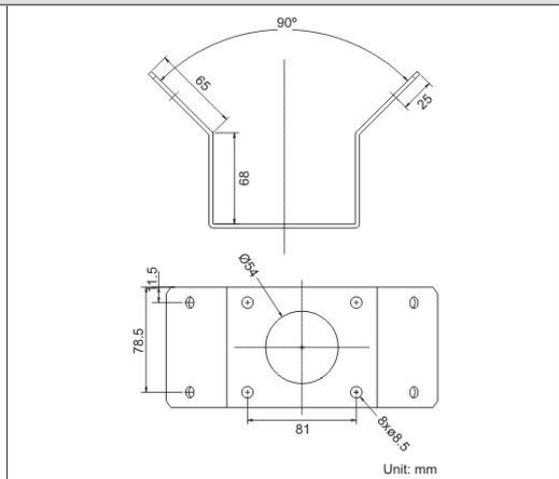


Corner Plate Mini

For mounting with Compact Pendent Mount.

Dimension: 270(L)×166(W)×95(D) mm (8.7×8×4.6 inches).

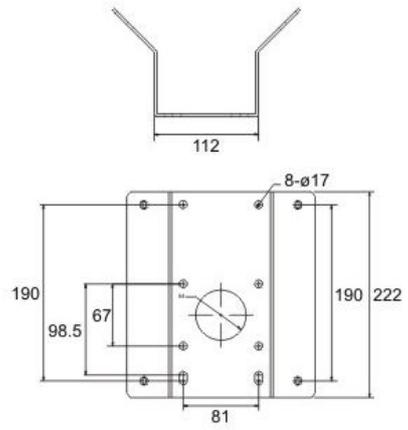
Supplied with washer-8 x4, spring washer-8 x4, M8x16 screw x4 and M8 nut x4.



Corner Standard Mounting Plate

Dimension: 222(L)×204(W)×117(D) mm (8.7×8×4.6 inches); Weight: 2 kg (4.4 lbs).

Supplied with washer-8 x4, spring washer-8 x4, M8x16 screw x4, and M8 nut x4.

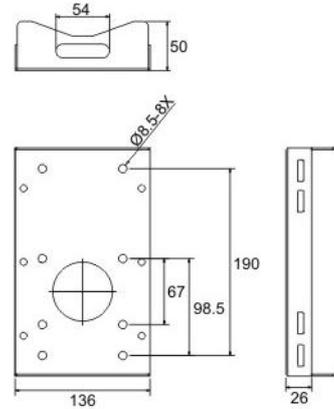


Unit: mm

Pole Thin Direct Mounting

Dimension: 232(L)×136(W)×60(D) mm (9.1×5.4×2.4 inches); Diameter: 112~130 mm (4.4~5 inches); Weight: 0.7 kg (1.6 lbs).

Supplied with stainless steel straps x4, M8x16 screw x4, washer x4 and spring washer-8 x4.

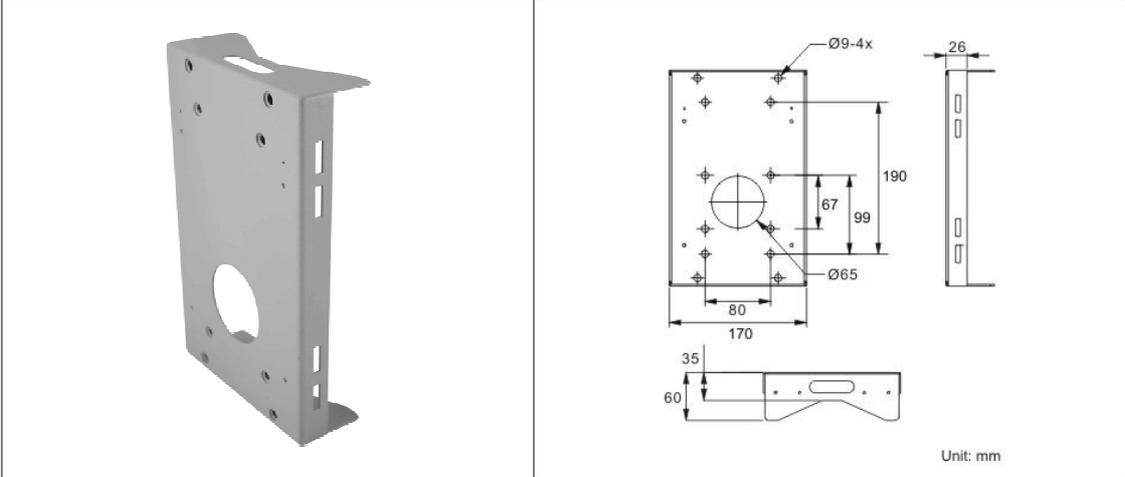


Unit: mm

Pole Wide Direct Mounting

Dimension: 270(L)×170(W)×60(D) mm (10.6×6.7×2.4 inches); Diameter: 112~140 mm (4.4~5.5 inches); Weight: 1 kg (2.2 lbs).

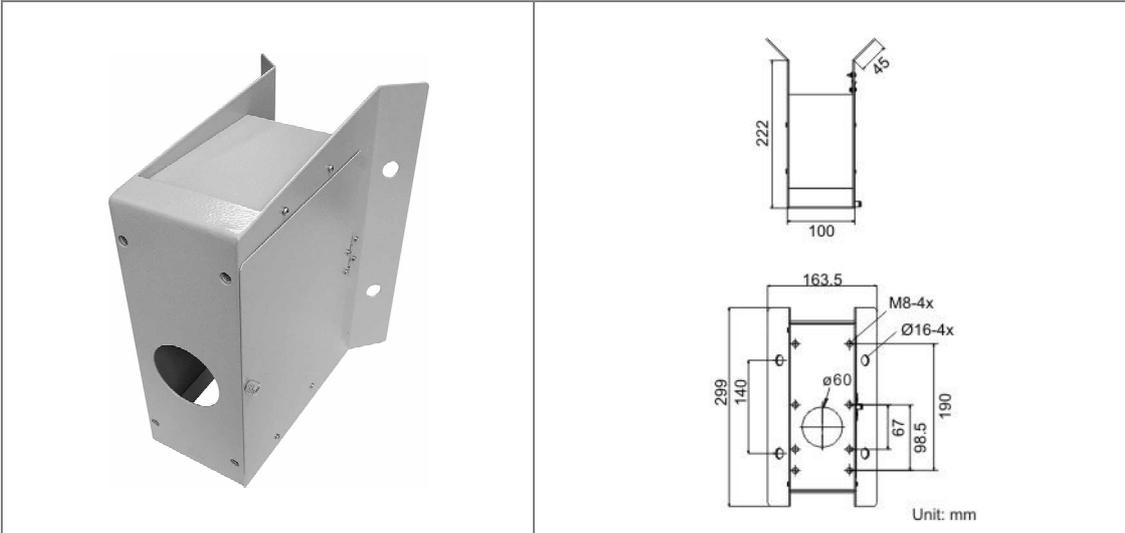
Supplied with M8x16 screw x4, washer x4, stainless steel straps x4 and spring washer-8 x4.



Corner Thin Box Mounting

Dimension: 300(L)×164(W)×222(D) mm (11.8×6.5×8.7 inches); Weight: 3 kg (6.7 lbs).

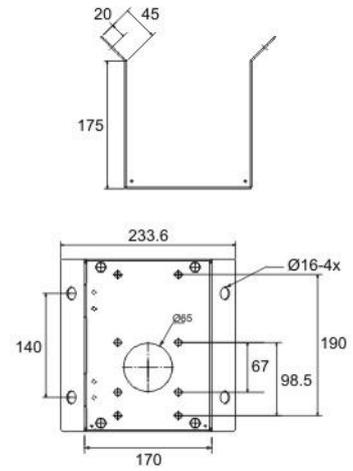
Supplied with M8x16 screw x4, washer-8 x4, and spring washer-8 x4.



Corner Wide Box Mounting

Dimension: 232(L)×234(W)×210(D) mm (9.1×9.2×8.3 inches); Weight: 2.7 kg (6 lbs).

Supplied with M8x16 screw x4, washer-8 x4, and spring washer-8 x4.

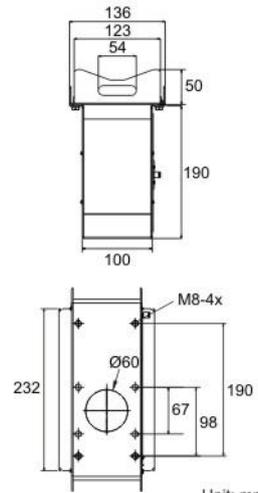


Unit: mm

Pole Thin Box Mounting

Dimension: 291(L)×136(W)×242 (D) mm (11.5×5.4×9.5 inches); Weight: 3.1 kg (6.9 lbs).

Supplied with M8x16 screw x4, washer-8 x4, spring washer x4 and stainless steel straps x4.

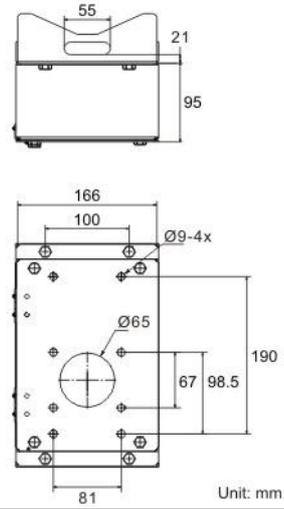


Unit: mm

Pole Wide Box Mounting

Dimension: 270(L)×166(W)×155(D) mm (10.6×6.5×6.1 inches); Weight: 3.2 kg (7.1 lbs).

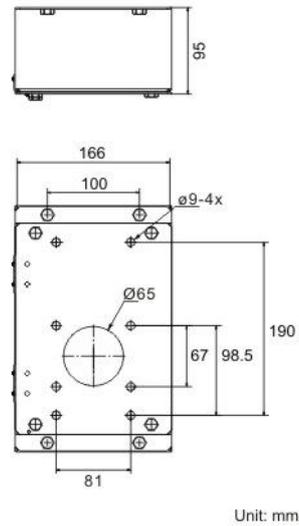
Supplied with M8x16 screw x4, washer-8 x4, spring washer-8 x4 and stainless steel straps x4.



Wall Box Mounting

Dimension: 270(L)×166(W)×95(D) (10.6×6.5×3.7 inches); Weight: 2.2 kg (4.84 lbs).

Supplied with M8x16 screw x4, washer-8 x4 and spring washer-8 x4.



Stainless Steel Straps

For fixing Pole Direct Mounting / Pole Box on the pole.

Length: 650 mm (25.6 inches); Width: 12.7mm; Weight: 50g (0.1 lb).



Stainless Strap Cutter

For tension, cut and crimp stainless steel straps.

Weight: 1.4 kg (3.1 lbs).

Suitable for straps width: 1/2", 5/8", 3/4".



4.3 Ceiling Mount

Generally, there are three kinds of Dome Camera ceiling mounting methods: hard-ceiling, in-ceiling and mounting with Straight Tube. Refer to the following sections for more details.

The following figures show how cables connect to the Dome Camera in different ways.

4.3.1 Hard Ceiling Mounting

Hard Ceiling Mount is a standard installation for an indoor Dome Camera, and general mounting accessories are equipped in the standard indoor Dome Camera's package. Here lists the items and tools needed to mount the Dome Camera onto the ceilings. The supplied items are all in the Dome Camera's package.

Hard Ceiling Mount Package Contents:

- Hard Ceiling Mount x1
- M4 Self-tapping Screw x4
- Plastic Anchors x4
- Fixing Plate x1
- M3 Standard Screw x4 (3 for Fixing Plate, 1 for Dome Cover*)

(*) Security Screw will be supplied instead of Standard Screw for Vandal Proof Camera Dome Cover.

Tools Needed:

- Tool for drilling
- (+,-) Screw Driver

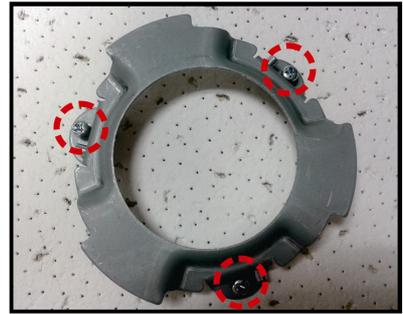
Follow the steps below to install the Dome Camera onto the ceiling.

STEP 1

Mark the positions of the three screw holes on the Hard Ceiling Mount at the chosen installation location.

STEP 2

In the marked locations, drill each hole slightly smaller than the supplied Screw Anchors, and put supplied Anchors into these drilled holes. Then Fasten the Hard Ceiling Mount with the three supplied Self-tapping Screws.

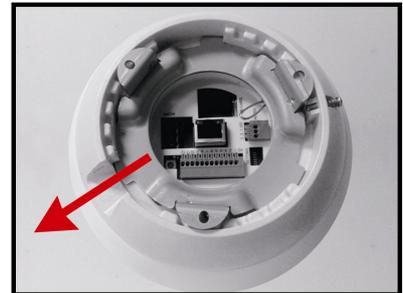


STEP 3

Thread the Data Cable and Ethernet cable through the center hole of the Mount and connect the cable to the camera body.

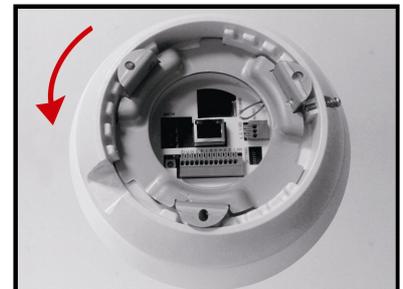
STEP 4

Users can choose to hide the Data Cable and Ethernet cable inside the ceiling, and put the rubber from the accessory package to fill the gap at the side of the Fixing Plate. Or let the cables out from the gap on the side of the Fixing Plate (as shown in the diagram).

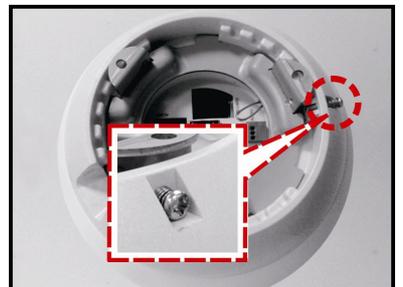


STEP 5

Install the Camera on the fixed Hard Ceiling Mount by turning the Camera clockwise. Then tighten the screw at the side of the Fixing Plate.

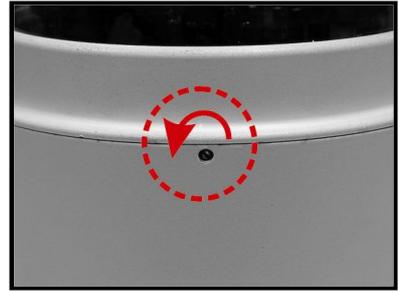


Connectors shown in the image may vary according to different models. Please refer to the chapter [Switch / Connector Definition](#).



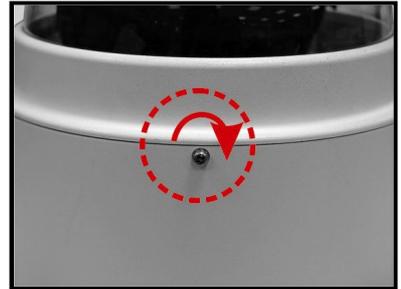
STEP 6

After installing the Camera on the Hard Ceiling Mount, put the Dome Cover back, and use a flat screw driver to fasten two supplied Flat Screws on the Dome Cover.



STEP 7

Fasten the supplied Standard Screw (Security Screw for Vandal Proof Dome) on the Dome Cover.



4.3.2 In-Ceiling (T-Bar) Mounting

Here lists the items and tools needed to mount the Dome Camera into the ceilings. The supplied items are all in the Dome Camera package.

Package Contents:

- Lock Bar x1
- M3x6 Screw x2
- Ceiling Sticker x1
- Trim Ring x1

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable (network Dome Camera)
- T-Bar (optional accessory)
- Supplied Screw (equipped with T-Bar)
- Ceiling Sticker (equipped with T-Bar)
- Decoration Ring (supplied)

Tools Needed:

- Tool for cutting a circle on the ceiling
- (+,-) Screw Driver

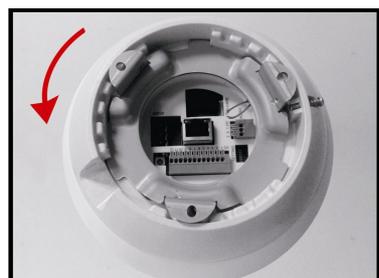
Follow the steps to install the Dome Camera with T-Bar Ceiling mount accessory for in-ceiling mounting.

STEP 1

Install the Camera on the fixed Hard Ceiling Mount by turning the Camera clockwise.

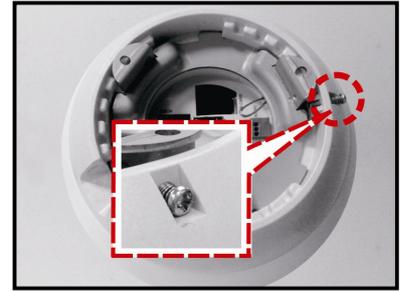


Connectors shown in the image may vary according to different models. Please refer to the chapter [Switch / Connector Definition](#).



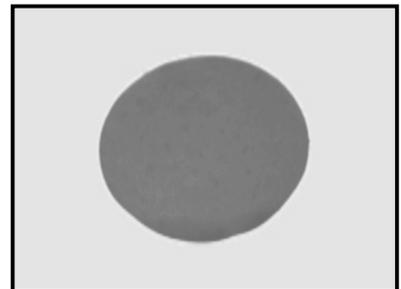
STEP 2

Tighten the screw at the side of the Fixing Plate.
Finishes install Camera on T-Bar Bottom Mount.



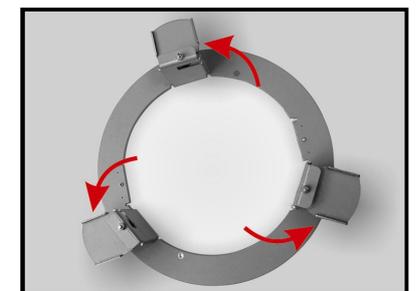
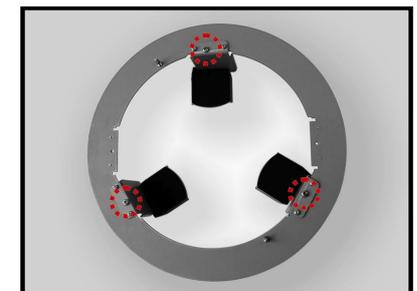
STEP 3

Place the Ceiling Sticker on the ceiling plate, and
cut the circle part out of the ceiling.



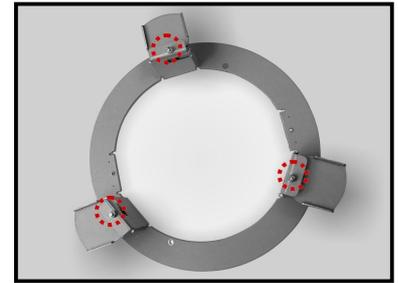
STEP 4

Disassemble the wings from the In-Ceiling (T-Bar)
Mount by loosening three screws
counterclockwise (indicated in the diagram).
Loosen the screws till the wings are loosed
enough and turn out from the ring (as shown in the
second diagram).



STEP 5

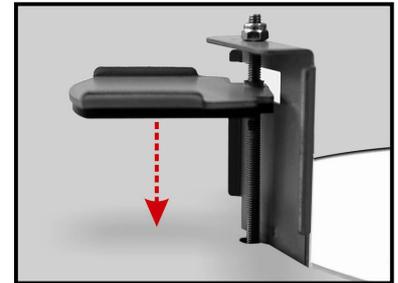
Put up the T-Bar Bracket into the ceiling opening and fix the In-Ceiling (T-Bar) Mount on the ceiling by tightening three screws clockwise.

**STEP 6**

When screwing, the Wings will be turned into the ceiling opening and get approached to the ceiling board until it is completely flush with the board.



NOTE: Please make sure the Wings of the T-Bar Bracket are completely flush with the ceiling board.

**STEP 7**

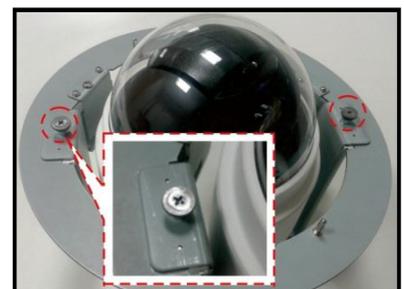
Put the Power Cable and Ethernet Cable down through the center hole of the T-bar and connect it to the Camera.

STEP 8

Put up the installed T-Bar Bottom Mount with Camera into the ceiling opening.

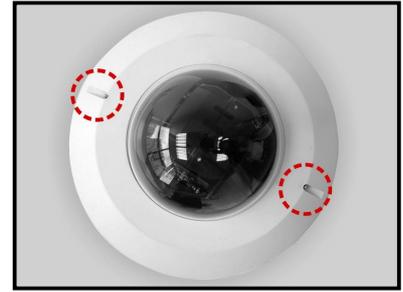
**STEP 9**

Tighten the screws to fix T-Bar Bottom Mount on the T-Bar Bracket.



STEP 10

Fix the Trim Ring to the T-Bar Bracket.



4.3.3 Ceiling Mounting with Indoor Mounting Kit

Indoor Mounting Kit is able to work with other ceiling mounting accessories, such as Standard Pendent Mount, Compact Pendent Mount, Straight Tube and Swan Tube.

Here lists the items and tools needed to mount the Dome Camera onto the Indoor Mounting Kit. The supplied items are all in the Dome Camera package.

Package Contents:

- Indoor Mounting Kit x1

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable (network Dome Camera)

Tools Needed:

- (+,-) Screw Driver

Follow the steps to install the Dome Camera onto the Indoor Mounting Kit.

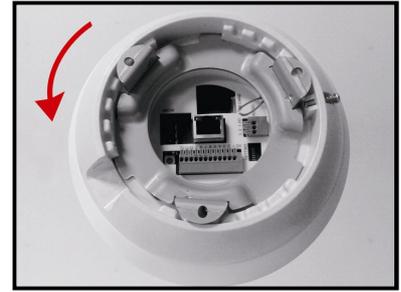
STEP 1

Thread the Data Cable and Ethernet cable through the center hole of the Indoor Mounting Kit and connect the cable to the camera body.

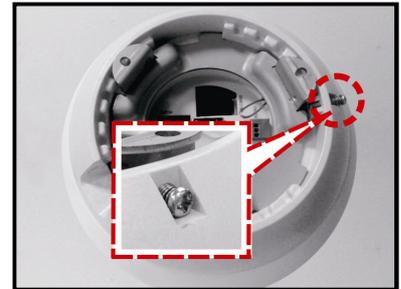


STEP 2

Install the Camera on the Indoor Mounting Kit by turning the Camera clockwise. Then tighten the screw at the side of the Fixing Plate, and put the rubber from the accessory package to fill the gap at the side of the Fixing Plate.

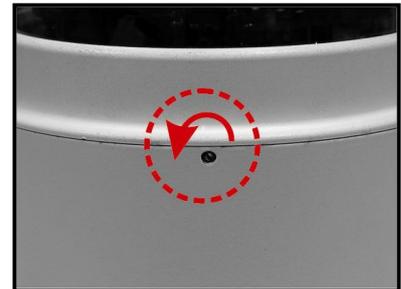


Connectors shown in the image may vary according to different models. Please refer to the chapter [Switch / Connector Definition](#).



STEP 3

After installing the Camera on the Hard Ceiling Mount, put the Dome Cover back, and use a flat screw drive to fasten two supplied Flat Screws on the Dome Cover.



STEP 4

Fasten the supplied Standard Screw (Security Screw for Vandal Proof Dome) on the Dome Cover.



4.3.4 Ceiling Mounting with Straight Tube

The Straight Tube is available in different length: 25 cm and 50 cm.

Package Contents:

- M8x12 Screw x1
- Spring Washer-8 x1
- Pendent Tube Washer x1
- Rubber Washer-8 x1
- Waterproof Rubber x1

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Straight Tube
- Screws and Screw Anchors for fixing the Straight Tube onto the ceiling

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps to mount the Dome Camera with the Straight Tube.

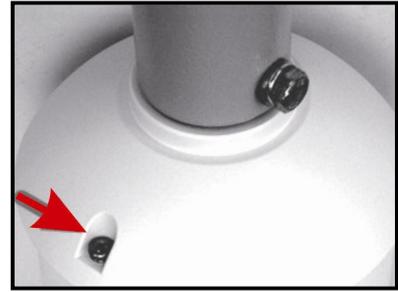
- 1) Ensure that the ceiling can support the weight of the Dome Camera and Straight Tube.
- 2) Make a cable entry hole on the ceiling.
- 3) Fix the suspension bracket to the ceiling with proper screws and screw anchors.
- 4) Thread the cables through the Straight Tube and the Mounting kit.



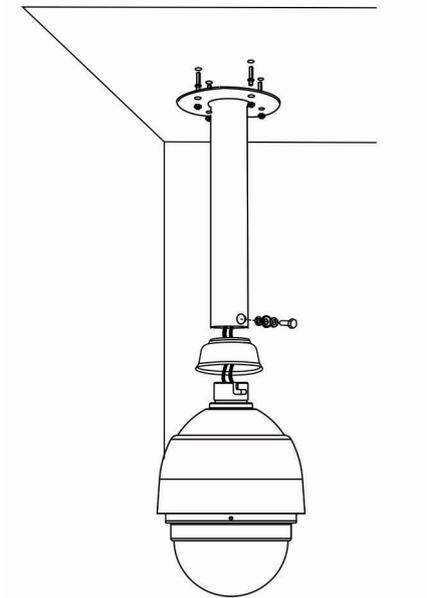
NOTE : After threading the cables, please block the cable entry hole with the supplied sponge(s) to avoid insects entering the tube.

- 5) Fix the Mounting Kit to the Straight Tube with the supplied screws and washers.
- 6) Connect the cables to the Dome Camera.

- 7) Mount the Dome Camera to the Mounting Kit. (Ensure the Dome Camera is fixed completely, and the thread holes on the Lock Screw Plate and Mounting Kit are aligned). Afterwards, screw the supplied M5 standard screw / security screw, as shown in the picture.



Ceiling Mounting: Straight Tube



4.4 Wall Mount

The Dome Camera can be mounted on the wall with Compact Pendent Mount, Standard Pendent Mount and Wall Box. Please follow the installation instructions below for mounting the Dome Camera via different ways.

4.4.1 Swan Tube

Package Contents:

- M8x12 Screw x1
- Spring Washer-8 x1
- Pendent Tube Washer x1
- Rubber Washer-8 x1
- Waterproof Rubber x1

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Swan Tube
- Waterproof Rubber
- Screws and Screw Anchors for fixing the Swan Tube on the floor

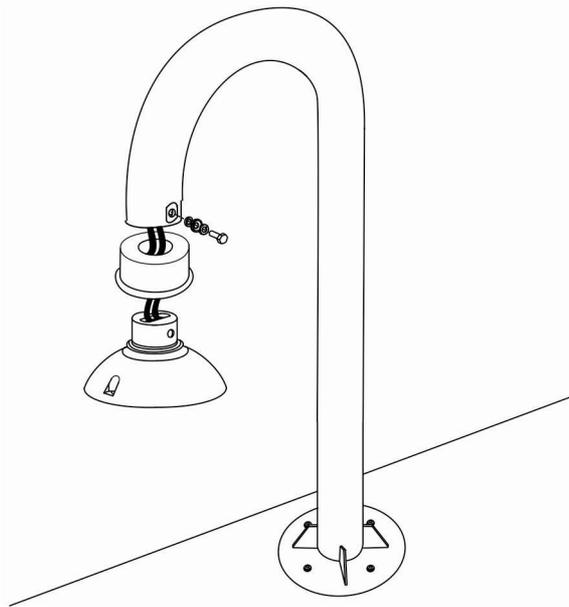
Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps to mount the Dome with the Swan Tube.

- 1) Fix the Swan Tube on the floor with proper screws and screw anchors.
- 1) Thread the cables through the Swan Tube and the Mounting Kit.
- 2) Fix the Mounting Kit to the Swan Tube with the supplied screws and washers. Then adjust the waterproof rubber to the junction of Swan Tube and Mounting Kit.
- 3) Connect the cables to the Dome Camera. Then attach the Dome to the Mounting Kit and fix them with the supplied screw.

Wall Mount: Swan Tube + Mounting Kit



4.4.2 Compact Pendent Mount

Package Contents:

- Rubber Washer-8 x1
- Pendent Tube Washer x1
- Spring Washer-8 x1
- M8x12 Screw x1

Items Needed:

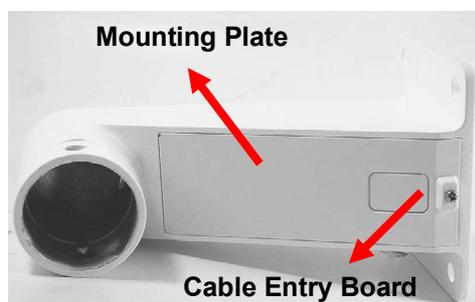
- Dome Camera
- Power Cable
- Ethernet Cable
- Compact Pendent Mount and equipped items (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Screws and Screw Anchors for fixing the Compact Pendent Mount

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Compact Pendant Mount.

- 4) Make a cable entry hole on the wall to recess the cables. Otherwise, users could push up the Cable Entry Board on the Compact Pendent Mount's Mounting Plate to place the cables, as shown in the photo below.

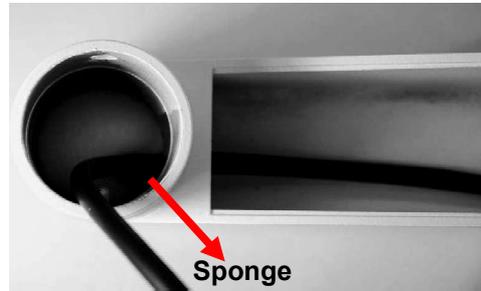
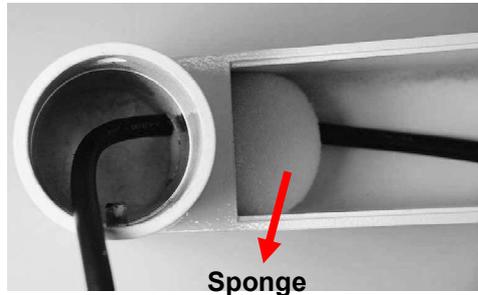


- 5) Fix the Compact Pendent Mount on the wall with proper screws and screw anchors.
- 6) Attach the Waterproof Rubber to the Compact Pendent Mount.

- 7) Run the cable(s) through the Compact Pendant Mount.

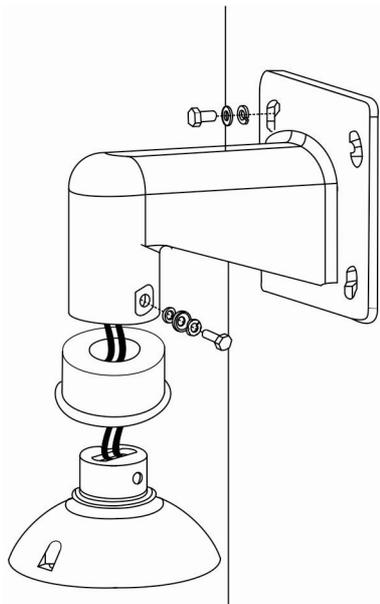


NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendant Mount. The sponge can be placed in two ways as shown in the illustrations below.



- 8) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Compact Pendant Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 9) Connect the cable(s) to the Dome Camera.
- 10) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Wall Mounting: Compact Pendant Mount + Mounting Kit



4.4.3 Standard Pendent Mount

Package Contents:

- M8x12 Screw x1
- Spring Washer-8 x1
- Pendent Tube Washer x1
- Rubber Washer-8 x1
- Sponge x2

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Standard Pendent Mount and equipped items (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Screws and Screw Anchors for fixing the Standard Pendent Mount onto the ceiling

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Standard Pendent Mount.

- 1) Make a cable entry hole on the wall to recess the cables. Otherwise, users could push up the cable entry board on the Standard Pendent Mount's mounting plate to place the cables (refer to the illustration in section [4.4.2 Compact Pendent Mount](#)> Step 1).
- 2) Fix the Standard Pendent Mount on the wall with proper screws and screw anchors.
- 3) Attach the Waterproof Rubber to the Standard Pendent Mount.

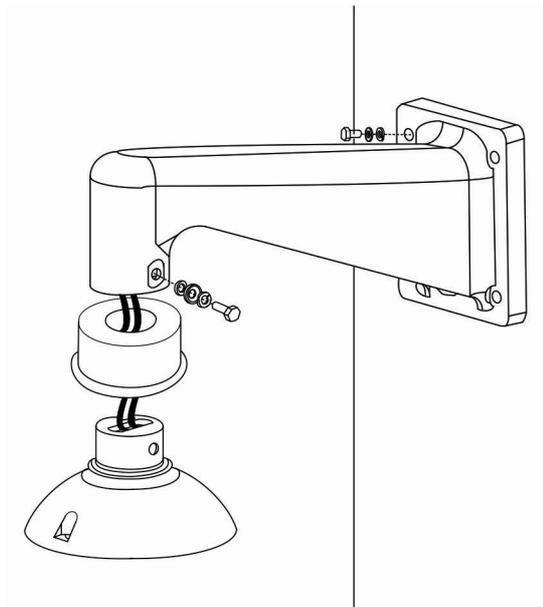
- 4) Run the cable(s) through the Standard Pendant Mount.



NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendant Mount. Refer to the illustrations in section [4.4.2 Compact Pendant Mount > Step 4](#).

- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard Pendant Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Wall Mounting: Standard Pendant Mount + Mounting Kit



4.4.4 Wall Box Mounting

Package Contents:

- M8x16 Screw x4
- Washer-8 x4
- Spring Washer-8 x4

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Standard / Compact Pendent Mount and equipped items (optional accessory)
- Wall Box Mounting (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Screws and Screw Anchors for fixing the Wall Box Mounting onto the ceiling

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps to mount the Dome Camera with the Standard / Compact Pendent Mounting and Wall Box Mounting.

- 1) Make a cable entry hole on the wall to recess the cable(s).
- 2) Fix the Wall Box Mounting on the wall with proper screws and screw anchors. Then run the cable(s) through the hole on the Wall Box Mounting.
- 3) Fasten the Standard / Compact Pendent Mount onto the Wall Box Mounting with the supplied screws and washers. Then thread the cable(s) through the Standard / Compact Pendent Mount with the cable(s) coming out of the Pendent Mount's outlet.



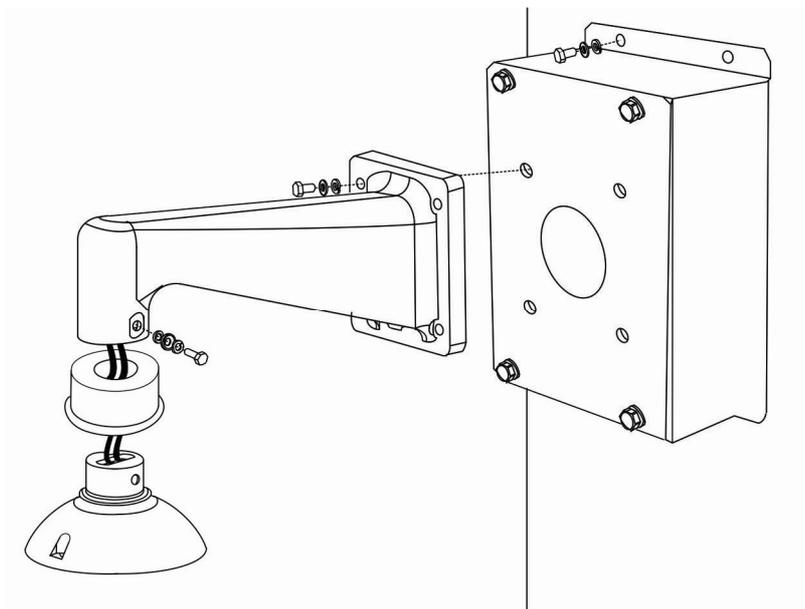
NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendent Mount. Refer to the illustrations in section [4.4.2 Compact Pendent Mount > Step 4](#).

- 4) Attach the Waterproof Rubber to the Standard / Compact Pendent Mount.

- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard / Compact Pendent Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Wall Box Mounting:

Wall Box Mounting + Standard / Compact Pendent Mount + Mounting Kit



4.5 Corner Mount

4.5.1 Corner Standard Mounting Plate / Corner Plate Mini

Package Contents:

- Washer-8 x4
- Spring Washer-8 ×4
- M8x16 Screw x4
- M8 Nut x4

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Standard / Compact Pendent Mount and equipped items (optional accessory)
- Corner Standard Mounting Plate / Corner Plate Mini (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Screws and Screw Anchors for fixing the Corner Mounting Plate

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Corner mounting Plate and Standard / Compact Pendent Mount.

- 1) Make a cable entry hole on the wall to recess the cable(s).
- 2) Fix the Corner Mounting Plate on the corner of the wall with proper screws and screw anchors. Then run the cable(s) through the hole on the Corner Mounting Plate.
- 3) Fasten the Standard / Compact Pendent Mount onto the Corner Mounting Plate with the supplied screws and washers. Then thread the cable(s) through the Standard / Compact Pendent Mount with the cable(s) coming out of the Pendent Mount's outlet.

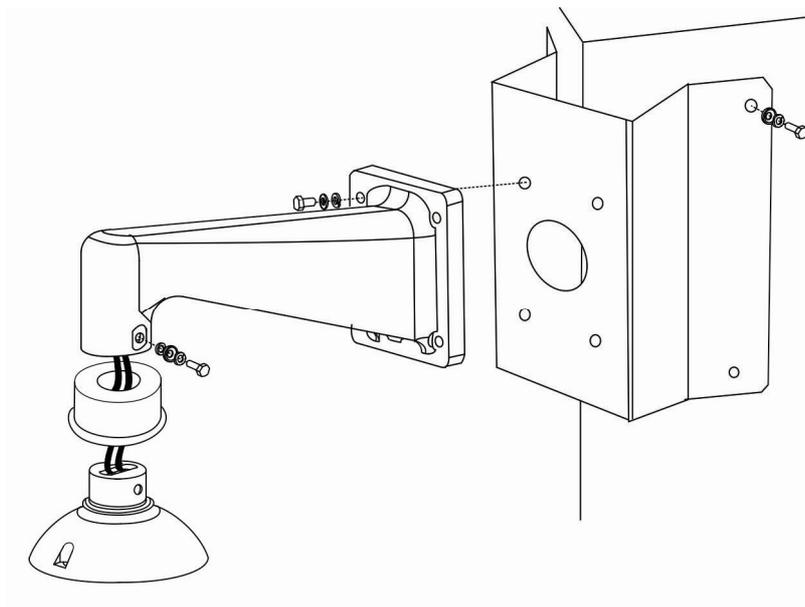


NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendant Mount. Refer to the illustrations in section [4.4.2 Compact Pendant Mount > Step 4](#).

- 4) Attach the Waterproof Rubber to the Standard / Compact Pendant Mount.
- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard / Compact Pendant Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Corner Wall Mounting:

Corner Standard / Mini Mounting Plate + Standard / Compact Pendant Mount + Mounting Kit



4.5.2 Corner Thin / Wide Box Mounting

Package Contents:

- M8x16 Screw x4
- Washer-8 x4
- Spring Washer-8 x4

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Standard / Compact Pendent Mount and equipped items (optional accessory)
- Corner Thin / Wide Box (optional accessory)
- Mounting Kit (optional accessory)
- Waterproof Rubber Screws and Screw Anchors for fixing the Corner Thin / Wide Box

Tools Needed:

- Tool for drilling
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Corner Thin/Wide Box and Standard / Compact Pendent Mount.

- 1) Make a cable entry hole on the wall to recess the cable(s).
- 2) Fix the Corner Thin / Wide Box on the corner of the wall with proper screws and screw anchors. Then run the cable(s) through the hole on the Corner Mounting Plate.
- 3) Fasten the Standard / Compact Pendent Mount onto the Corner Thin/Wide Box with the supplied screws and washers. Then thread the cable(s) through the Standard / Compact Pendent Mount with the cable(s) coming out of the Pendent Mount's outlet.

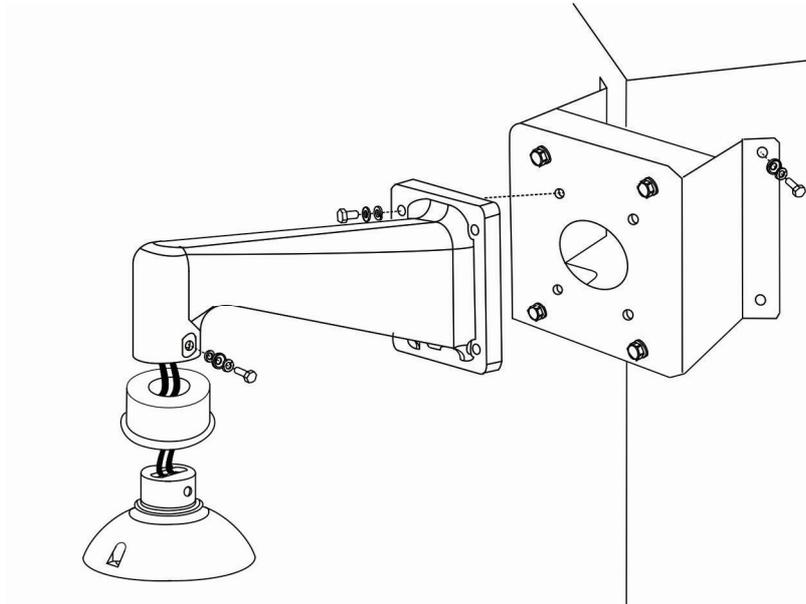


NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendent Mount. Refer to the illustrations in section [4.4.2 Compact Pendent Mount > Step 4](#).

- 4) Attach the Waterproof Rubber to the Standard / Compact Pendent Mount.
- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard / Compact Pendent Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Corner Box Mounting:

Corner Thin / Wide Box + Standard / Compact Pendent Mount + Mounting Kit



4.6 Pole Mount

4.6.1 Pole Thin / Wide Direct Mounting

Package Contents:

- Stainless Steel Straps x4
- M8x16 Screw x4
- Washer x4
- Spring Washer-8 x4

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cabl
- Standard / Compact Pendent Mount and equipped items (optional accessory)
- Pole Thin / Wide Direct Mounting (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Stainless Steel Straps for fixing the Pole Thin / Wide Direct Mounting

Tools Needed:

- Stainless Strap Cutter
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Pole Thin / Wide Direct Mounting and Standard / Compact Pendent Mount.

- 1) Fasten the Pole Thin / Wide Direct Mounting on a pole with equipped stainless straps.
- 2) Run the cable(s) through the hole on the Pole Thin / Wide Direct Mounting.
- 3) Fasten the Standard / Compact Pendent Mount onto the Pole Thin / Wide Direct Mounting with the supplied screws and washers. Then thread the cable(s) through the Standard / Compact Pendent Mount with the cable(s) coming out of the Pendent Mount's outlet.

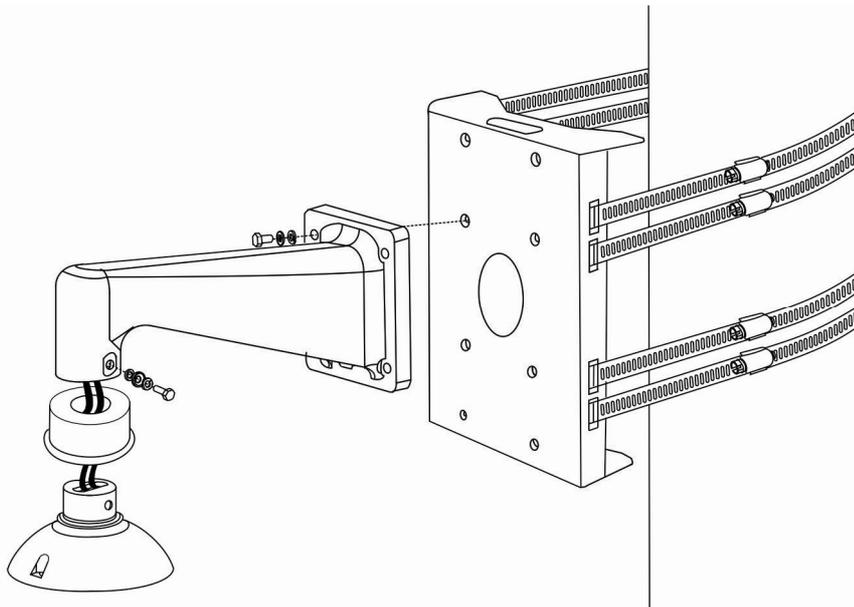


NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendant Mount. Refer to the illustrations in section [4.4.2 Compact Pendant Mount > Step 4](#).

- 4) Attach the Waterproof Rubber to the Standard / Compact Pendant Mount.
- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard/ Compact Pendant Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Pole Direct Mounting:

Pole Thin / Wide Direct Mounting + Standard / Compact Pendant Mount + Mounting Kit



4.6.2 Pole Thin / Wide Box Mounting

Package Contents:

- M8x16 Screw x4
- Washer-8 x4
- Spring Washer x4,
- Stainless Steel Straps x4

Items Needed:

- Dome Camera
- Power Cable
- Ethernet Cable
- Standard / Compact Pendent Mount and equipped items (optional accessory)
- Pole Thin / Wide Box Mounting (optional accessory)
- Mounting Kit
- Waterproof Rubber
- Stainless Steel Straps for fixing the Pole Thin / Wide Box Mounting (optional accessory)

Tools Needed:

- Stainless Strap Cutter
- Tool for screwing

Follow the steps below to mount the Dome Camera with the Pole Thin / Wide Box and Standard / Compact Pendent Mount.

- 1) Fasten the Pole Thin / Wide Box on a pole with equipped stainless straps.
- 2) Run the cable(s) through the hole on the Pole Thin / Wide Box Mounting.
- 3) Fasten the Standard / Compact Pendent Mount onto the Pole Thin/Wide Box Mounting with the supplied screws and washers. Then thread the cable(s) through the Standard / Compact Pendent Mount with the cable(s) coming out of the Pendent Mount's outlet.



NOTE: Please block the cable entry hole with the supplied sponge to avoid insects entering the Pendent Mount. Refer to the illustrations in section [4.4.2 Compact Pendent Mount > Step 4.](#)

- 4) Attach the Waterproof Rubber to the Standard / Compact Pendent Mount.
- 5) Thread the cable(s) through the Mounting Kit and join the Mounting Kit to the Standard / Compact Pendent Mount with the supplied screws and washers. Then adjust the Waterproof Rubber to the joint.
- 6) Connect the cable(s) to the Dome Camera.
- 7) Join the Dome Camera to the Mounting Kit with the supplied screw and washers.

Pole Box Mounting:

Pole Thin / Wide Box + Standard / Compact Pendent Mount + Mounting Kit

