Wall & Surface Mount with Junction Box Kit

V2000B-BOX

For V2000B Bullet & V2360W Panoramic Cameras

Quick Guide

1. Product Overview

Ø147
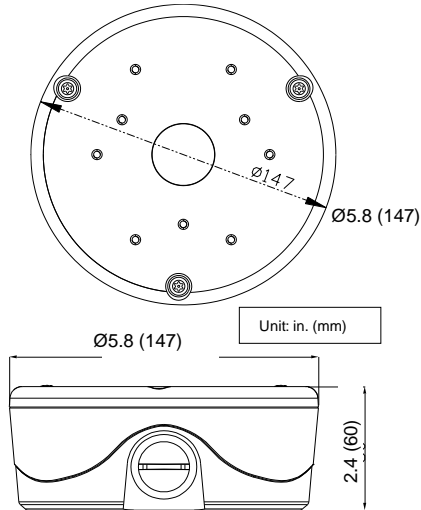
Ø5.8 (147)

Ø5.8 (147)

Unit: in. (mm)

2.4 (60)

FIGURE 1-1: PHYSICAL DIMENSION

Screw & Waterproof Rubber Sealing Instruction

Since the junction box supports multiple devices, it is recommended to review the following diagram carefully, which depicts different screw types and waterproof rubber bushing for each device, prior to installation.
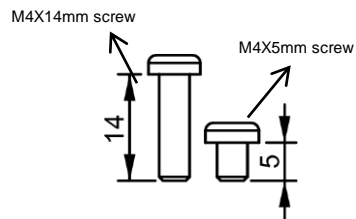

M4X14mm screw

M4X5mm screw

14

5

FIGURE 1-2: SCREW TYPES ILLUSTRATION

For V2000B bullet camera

For V2360W panoramic camera

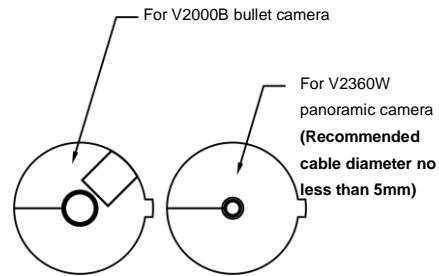**(Recommended cable diameter no less than 5mm)**

FIGURE 1-3: WATERPROOF RUBBER BUSHING ILLUSTRATION

2. Installation and Mounting

Package Content

Check if all items listed below are included in the packing box.

- One adaptor plate
- Two waterproof bushings
- One holding bracket plate
- One junction box
- One torx wrench
- One mounting template
- One printed quick guide
- Six TP4 tapping screws
- Six screw anchors
- Three M2.6X5mm screws
- Four M4X5mm screws (for V2360W Panoramic)
- Six M4X14mm screws (for V2000B Bullet)

Required Tools

The following tools might help during the installation:

- A drill
- A hammer
- A Phillips head screwdriver
- Wire cutters

Installation & Mounting Procedure

1. Drill 6 holes on wall or surface based on the mounting template. Diameter φ3/8" (9.5mm), depth 1/1/2" (40mm).
2. Hammer the 6 screw anchors into the drilled holes.
3. Fix the junction box onto the wall/surface by fastening the 6 TP4 tapping screws with the 6 screw anchors.
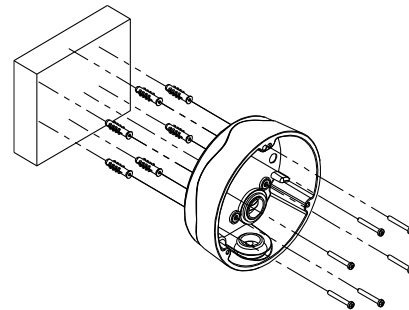

FIGURE 2-1: FIX JUNCTION BOX

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3. Mounting Procedure

For IR Bullet Camera

1. Pass the camera cable through the adaptor plate, and then secure the camera to the adaptor plate by fastening the 6 M4X14mm screws.
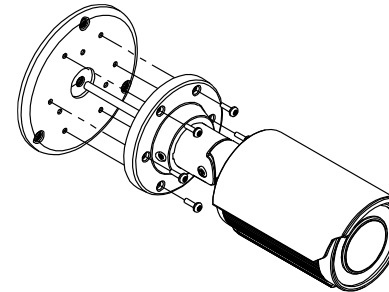

FIGURE 3-1: SECURE CAMERA WITH ADAPTOR PLATE

2. From the rear, cover the cable with the waterproof rubber bushing and fasten them to the holding bracket plate using 3 M2.6X5mm screws onto the proper hole.
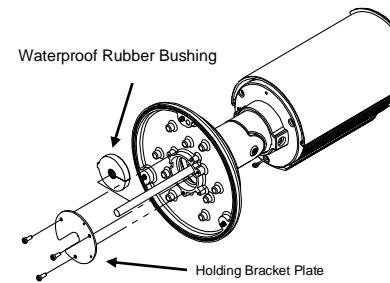

Waterproof Rubber Bushing

Holding Bracket Plate

FIGURE 3-2: CABLE THREAD PREPARATION

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3. Place the cable inside the junction box to connect with required cables coming from either the bottom or side conduit hole of the camera, depending on type of application, and attach the junction box with the adaptor plate by fastening the 3 T20 screws with T20 torx wrench.
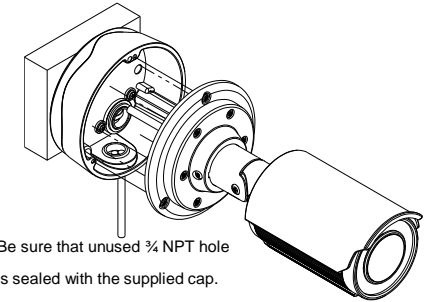

Be sure that unused ¾ NPT hole

is sealed with the supplied cap.

FIGURE 3-3: ASSEMBLE \JUNCTION BOX WITH ADAPTOR PLATE

4. Finally, install the mounting kit with camera onto a wall or surface.
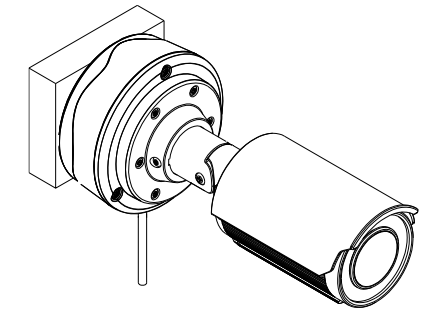

FIGURE 3-4: MOUNTING COMPLETE

For Panoramic Camera

1. Pass the camera cable through the adaptor plate and then secure the cable with waterproof rubber bushing.
2. Fasten the waterproof rubber bushing to the holding bracket plate with the 3 M2.6X5mm screws.
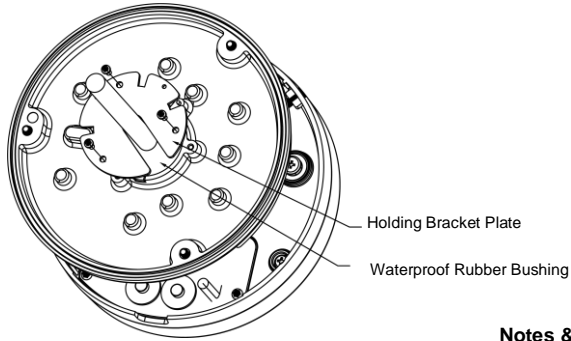
T10 screw

Holding Bracket Plate

Waterproof Rubber Bushing

FIGURE 2-8: SECURE CAMERA ON BRACKET

FIGURE 3-5: SECURE ADAPTOR PLATE ON JUNCTION BOX

3. Secure the adaptor plate on junction box by fastening with the 3 T20 screws T20 torx wrench.

Notes & Warnings

- The holes for wall/surface mount are of diameter φ 10 mm. Use screws of φ 8~9mm, and make sure the drilled holes are of correct size to ensure proper installation.
- When drilling the hole, make sure the wall/surface thickness is greater than 50mm in order to maintain its structural integrity.
- Make sure there are no damaged parts prior to assembly.

4. Specification

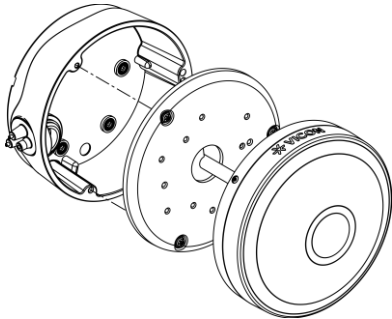| Material	Aluminum
Color	White
Dimensions (WxHxD)	5.8x5.8x2.4 in. (147x147x60 mm)
Weight	2.3 lb (0.85 kg)

FIGURE 3-6: SECURE ADAPTOR PLATE ON JUNCTION BOX

4. Secure the bracket on adapter plate by fastening the 4 M4X5mm screws, and then push the cable into junction box.

Product specifications subject to change without notice.
Vicon part number: 8009-8318-90-00 10/2020
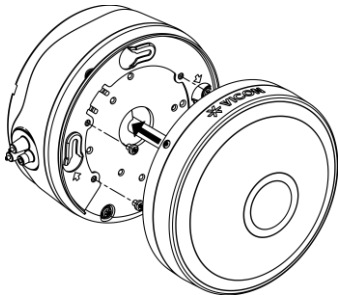Copyright ©2020 Vicon Industries Inc. All rights reserved

FIGURE 3-7: SECURE THE BRACKET ON ADAPTOR PLATE

Rotate panoramic camera to secure the screw on the bracket. Then, rotate the T10 screw on panoramic camera counterclockwise to ma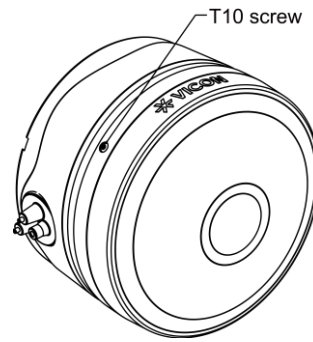ke sure panoramic camera does not rotate.