Quick Connection Guide

DNZ30TL2R
2.1MP HD Dome PTZ IP Camera

Syncro IP Network Solutions

PACKAGE CONTENTS:

1 x IP Camera

1 x Wall Mount

1 x Bracket Connector

4 x Mounting Bolt Set

1 x Safety Chain

1 x Rubber Ring

1 x Allen Keys

1 x 24V AC Adapter

1 x Thread Seal Tape

1 x Insulated Glove

Quick Start Guides

1 x CD

Latest software and manuals available on
www.flirsecurity.com/pro

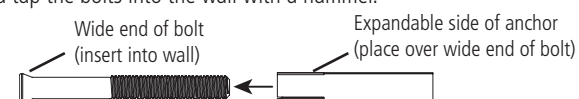For support, visit
www.flirsecurity.com/pro

1 Installing the Camera

⚠ This camera uses 24V AC power only. Please use the included power supply or a regulated 24V AC power supply.

A Attach the rubber ring to the back of the wall mount to ensure the weatherproof rating of the camera.
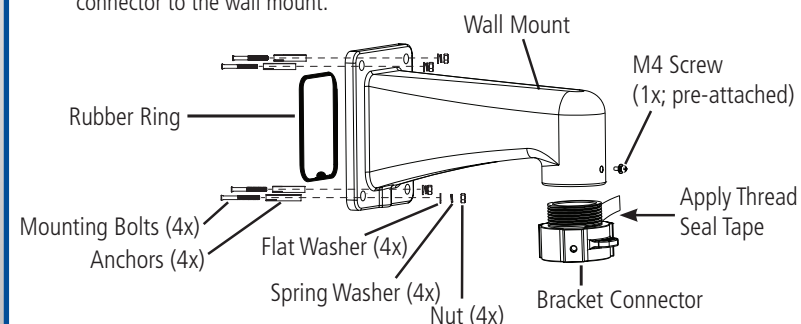
B Use the wall mount to mark holes for the mounting bolts (4x) and connection cable. Drill holes in the wall.

C Place the anchors (4x) on the mounting bolts (4x) with the expandable side on the wide end of the bolt. Insert the wide end of the mounting bolt assembly into the wall and tap the bolts into the wall with a hammer.

Wide end of bolt (insert into wall)

Expandable side of anchor (place over wide end of bolt)

D Run the connection cable through the surface and wall mount. Place the wall mount over the mounting bolts and attach the wall mount to the wall by screwing a flat washer (4x), spring washer (4x), and nut (4x) on each bolt.

E Run thread seal tape around the bracket connector and then attach the bracket connector to the wall mount. Tighten the M4 screw (1x) to secure the bracket connector to the wall mount.

Wall Mount

M4 Screw (1x; pre-attached)

Rubber Ring

Mounting Bolts (4x)

Anchors (4x)

Flat Washer (4x)

Spring Washer (4x)

Nut (4x)

Apply Thread Seal Tape

Bracket Connector

2 Installing the Camera (Continued)

F Connect the safety chain between the bracket connector and the camera. This allows the camera to hang from the wall mount while connecting the cables.

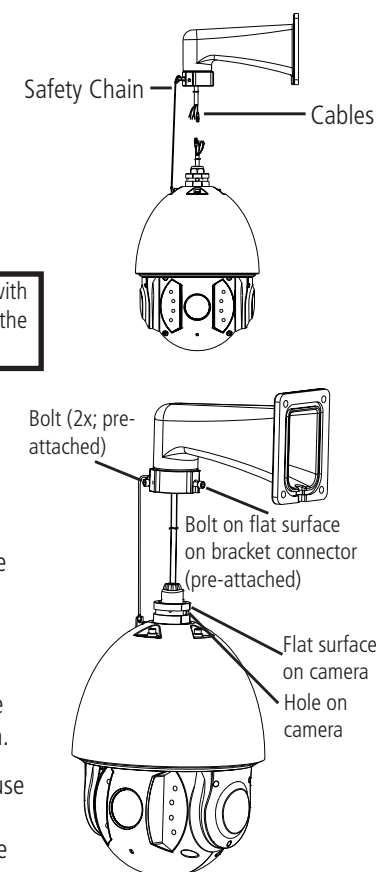**G** Connect the connection cables and then push the cable into the wall mount.

⚠ You must wrap the connection cables with electrical tape (not included) to ensure the weatherproof rating on the camera.

H Push the camera into the bracket connector with the flat surfaces aligned on the inside. This will allow the bolt on the bracket connector to align with the hole on the camera.
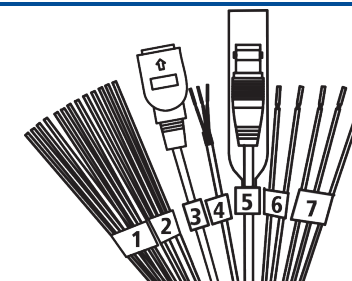
I Tighten the bolt on the flat side of the bracket connector, then tighten the other bolts on the bracket connector (2x).

J Make sure all bolts on the camera are tightened to complete the installation.

NOTE: To control PTZ functions, you must use the OSD on the web browser client or on a FLIR NVR. See the Instruction Manual on the CD for details.

Safety Chain

Cables

Bolt (2x; pre-attached)

Bolt on flat surface on bracket connector (pre-attached)

Flat surface on camera

Hole on camera

3 Connecting the Camera

1 2 3 4 5 6 7

1. **Alarm Input:** Connect the camera to up to 7 alarm input devices. See the Instruction Manual on CD for more details.
2. **Alarm Output:** Connect the camera to up to 2 alarm input devices. See the Instruction Manual on CD for more details.
3. **Ethernet Port:** Connect the camera to an NVR or a router or switch on your network using Cat5e or better Ethernet cable (not included).
NOTE: PTZ functions can be controlled via the Ethernet connection.
4. **24V AC Power Input:** Connect the camera to a 24V AC power source (2.5A or higher).
5. **Video Out (BNC):** Secondary analog video output to connect the camera to a monitor or DVR.

⚠ If you are using the video output, you must heat the sealing tube to seal the cable against water.

6. **RS485 (Optional):** Connect the camera to RS485 to control the camera PTZ functions using a DVR or PTZ keyboard.
NOTE: PTZ protocol details are Pelco-D, ID:1, Baud Rate: 9600. You cannot change the PTZ protocol used for RS485.
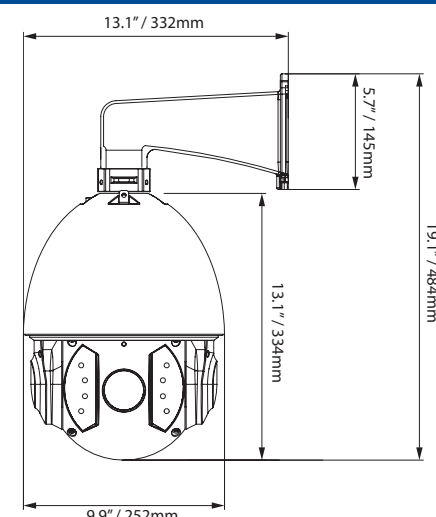7. **Audio:** Connect to audio input, audio output, and ground.

Weights & Dimensions

13.1" / 332mm

5.7" / 145mm

19.1" / 484mm

13.1" / 334mm

9.9" / 252mm

Weight

With wall mount:
16.6lbs / 7.6kg

Without wall mount:
14.9lbs / 6.8kg

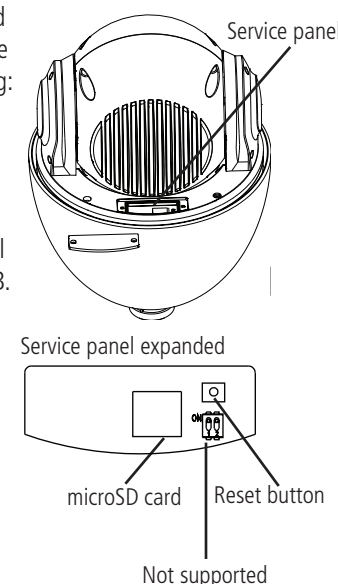## Inserting the microSD Card (Optional) and Resetting the Camera

A Remove the service panel screws (2x) and then remove the service panel. The service panel allows you to perform the following:

• Insert a microSD card into the microSD card slot. Replace the service panel and service panel screws (2x).

NOTE: For local recording, you can install a microSD card in the camera up to 32GB. SanDisk™ or Kingston™ brand microSD cards are recommended. For details on configuring microSD recording, see the Instruction Manual on the CD.

• Press the reset button for 10 seconds to reset the camera to default settings.

B Replace the service panel and service panel screws (2x).

Service panel

Service panel expanded

microSD card

Reset button

Not supported

Safety Precautions

• Two people are required to install this product.
• Use an appropriate low voltage power cable to prevent fire or electrical shock.
• This camera uses 24V AC power only. Please use the included power supply or a regulated 24V AC power supply.
• Make sure to install the camera in an area that can support the camera weight.
• There are no user serviceable parts inside the camera. Please do not disassemble the camera.
• Do not clean the lens cover with an abrasive cleaning material. Please use a soft cloth to clean the lens cover.
• Camera is rated for outdoor use (IP66), but is not intended for submersion in water.

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