Performance Series IR 1080p IP PTZ Dome Quick Installation Guide

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Cautions and Warnings

⚡	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN	⚠

⚡ THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THE UNIT.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

⚠ THIS SYMBOL INDICATES THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS ACCOMPANY THIS UNIT.

WARNING Installation and servicing should be performed only by qualified and experienced technicians to conform to all local codes and to maintain your warranty.

WARNING To ensure compliance with electrical safety standards, CSA Certified/UL Listed Class 2 power adapters are required. Power over Ethernet (PoE) shall be supplied by listed Information Technology Equipment. The PoE is not intended to be connected to exposed (outside plant) networks.

IMPORTANT NOTE
Regarding PoE operation of HDZP252DI models

A high power PoE injector capable of supplying at least 20 W is required for proper operation of HDZP252DI models.

FCC Statement of Compliance

Information to the User: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Note Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la Classe A est conforme à la norme NMB-003 du Canada.

Manufacturer's Declaration of Conformance

The manufacturer declares that the equipment supplied with this guide is compliant with the European Parliament and Council Directive on the Restrictions of the use of certain Hazardous Substances in electrical and electronic equipment (2011/65/EU), General Product Safety Directive (2001/95/EC) and the essential requirements of the EMC Directive (2014/30/EU), conforming to the requirements of standards EN 55022 for emissions, EN 50130-4 for immunity, and EN 60950-1 for electrical equipment safety.

WARNING To comply with EN50130-4 requirements, a UPS should be employed when powering the camera from 12 V DC.

Waste Electrical and Electronic Equipment (WEEE)

Correct Disposal of this Product (applicable in the European Union and other European countries with separate collection systems).

This product should be disposed of, at the end of its useful life, as per applicable local laws, regulations, and procedures.

Safety Instructions

Before installing or operating the unit, read and follow all instructions. After installation, retain the safety and operating instructions for future reference.

1. **HEED WARNINGS** - Adhere to all warnings on the unit and in the operating instructions.

2. **INSTALLATION**
   - Install in accordance with the manufacturer's instructions.
   - Installation and servicing should be performed only by qualified and experienced technicians to conform to all local codes and to maintain your warranty.

3. **POWER SOURCES** - This product should be operated only from the type of power source indicated on the marking label.

4. **HEAT** - Situate away from items that produce heat or are heat sources such as radiators, heat registers, stoves, or other products (including amplifiers).

5. **MOUNTING SYSTEM** - Use only with a mounting system recommended by the manufacturer, or sold with the product.

6. **ATTACHMENTS** - Do not use attachments not recommended by the product manufacturer as they may result in the risk of fire, electric shock, or injury to persons.

7. **ACCESSORIES** - Only use accessories specified by the manufacturer.

8. **CLEANING** - Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

9. **SERVICING** - Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

10. **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards. Using replacement parts or accessories other than the original manufacturers may invalidate the warranty.

CAUTION Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries in accordance with local laws.

Before You Begin

Check that you have received all of the parts listed below. If any parts are missing or damaged, contact your dealer immediately.

HDZP252DI
- PTZ dome camera
- Mount
- Wrench
- Waterproof joint
- Quick Installation Guide
- Installation CD

Note Rotate and remove the protective cover bag and tape from the camera body before the installation.

Inserting the SD Card

Open the camera cover and insert an SD card into the camera before starting installation (if an SD card is required).

Open rear cover

SD card slot
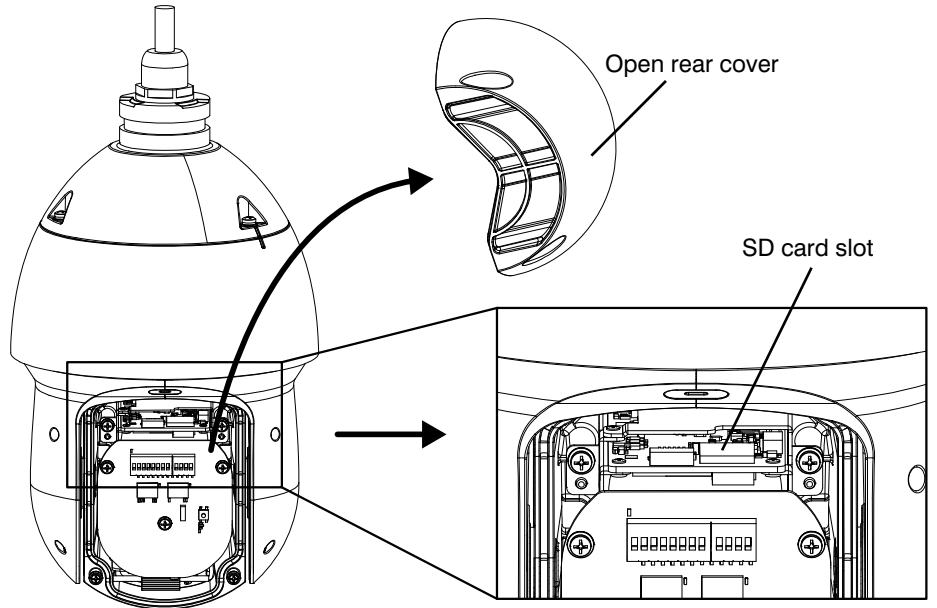
It is recommend that you use a high quality microSD card (up to 128 GB) that has a minimum write speed of class 10. Insert the card before finishing camera installation. The card must be formatted using the Honeywell Web GUI before it can be used for recording (go to Setup ➤ Storage ➤ Destination ➤ Local ➤ Format).

Installing the Wall Mount and PTZ

The wall mount weighs 1.46 lb (0.66 kg) and can be installed directly to a load-bearing wall, or to a corner or pole using an appropriate adapter.

Important Notes:

- Ensure that the mounting surface can support the combined weight of the camera and the mount (at least 10.58 lb [4.8 kg]).

- If you are using a microSD card, install the card first (not supplied, refer to *Inserting the SD Card on page 1*).

- When you attach the mount to the wall in step 2, please make sure the mount is fixed to the wall with appropriate material and is kept stable. The PTZ is so heavy that it might drop when you attach it to the mount with the security chain (step 3).

1. Feed the cables through the mount, leaving approximately 0.5 ft (0.15 m) extending past the end of the mount.

2. Attach the mount to the wall using appropriate hardware.

3. Connect the security chain to the eyelet of the wall mount.

4. Loosen the three M6 stainless locking screws.

5. Connect the cables using the waterproof joint (see image inset).

6. Screw the dome camera onto the wall mount and tighten the three locking screws.
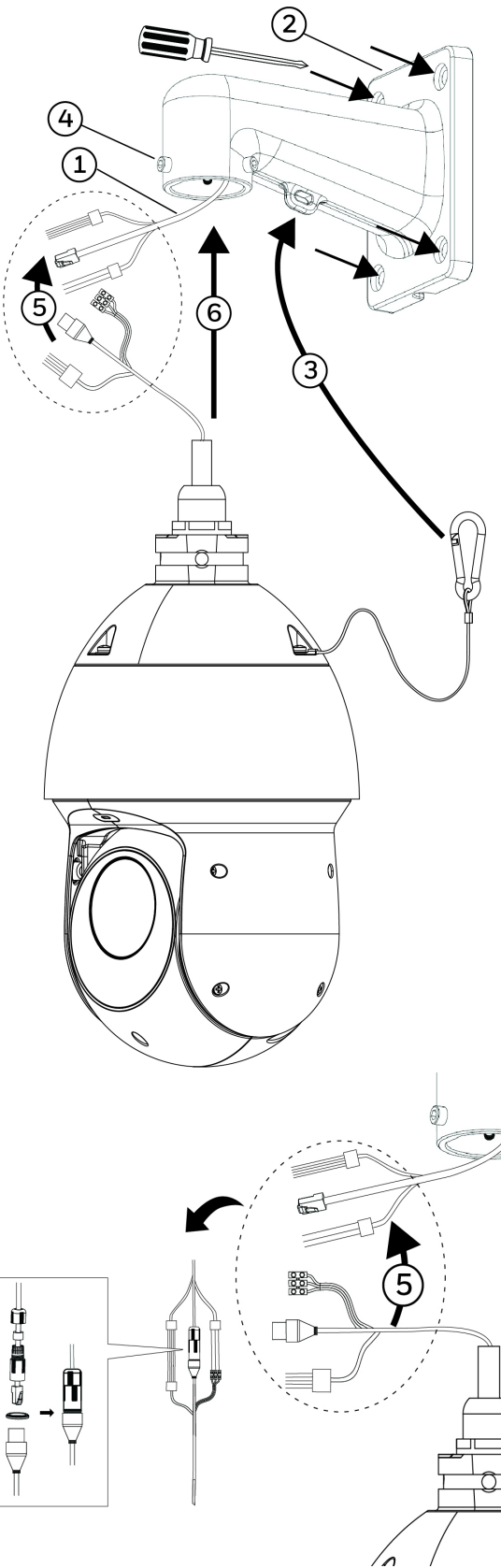
Cable Connections

Before connecting the cables, take a minute to familiarize yourself with the cables, as shown in the figures and table below.

- Power (12 V DC)
- Network: Ethernet
- Audio
- Alarm
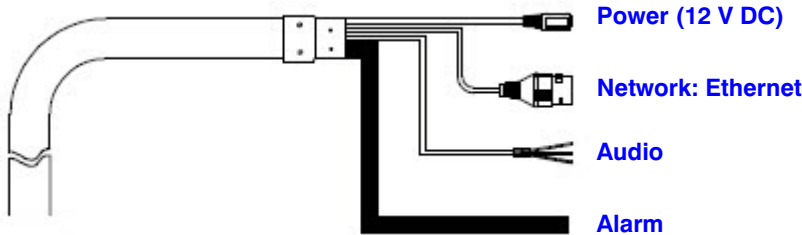
Power	Barrel Connector	12 V DC	
Network	RJ45		
Audio	Red	Audio OUT	
	White	Audio IN	
	Black	Audio GND	
Alarm	Blue	Alarm OUT 1	**Outputs (x1):** Relay output, 20 V DC, 1 A max. Use alarm outputs for SELV circuits only.
	Green	Alarm COM 1	
	Red	Alarm IN 1	
	Brown	Alarm IN 2	**Inputs (x2):** 5 V, pull up.
	Yellow & Green	Alarm GND	

Note The Ethernet cable should not be longer than 328 ft (100 m).

Resetting the Camera

Press and hold the reset button for 10 seconds when the camera is powered on to reset the camera (refer to below image for reset button location).

Open rear cover

Reset button
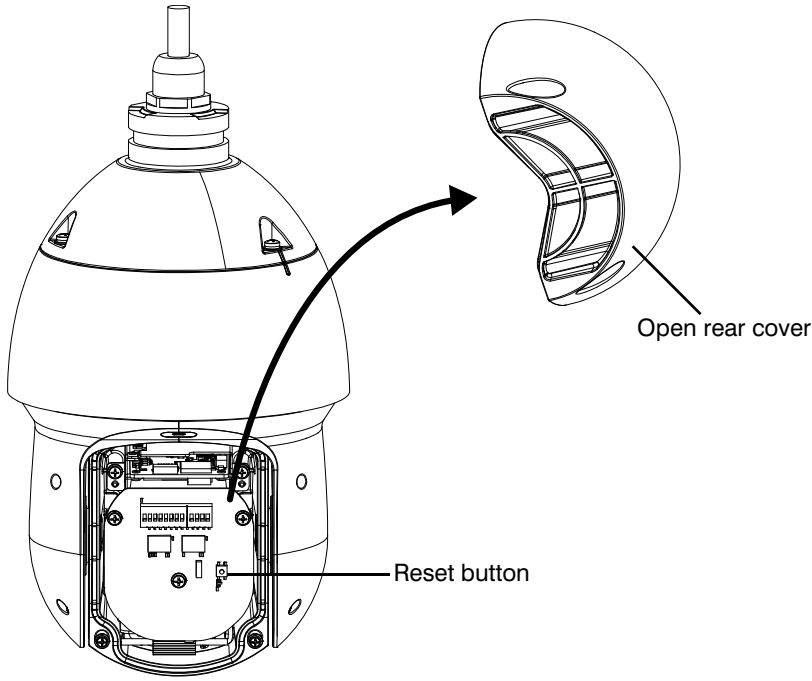
Before Logging On to the Camera

Before logging on to the camera, ensure that Internet Explorer is set up to run ActiveX controls. You can enable ActiveX controls manually or by setting the browser's security settings to the default level.

| ActiveX Controls and Plugins Settings	Internet Security Level
1. Open Internet Explorer.	**1.** Open Internet Explorer.
2. On the **Tools** menu, click **Internet options**, and then click **Security**.	**2.** On the **Tools** menu, click **Internet options**, and then click **Security**.
3. Click the **Internet** icon, and then click **Custom level**.	**3.** Click the **Internet** icon, click **Default level** and click **OK**.
4. Set all **ActiveX controls and plug-ins** to **Prompt** or **Enable**, and then click **OK**.	**4.** Close the browser window and open a new one to access the camera.

Logging On to the Camera

If the camera is connected to the PoE port of a Honeywell Embedded NVR, you can log on to the camera directly from the NVR.

To log on to the camera from a PC:

1. Install the Honeywell Config Tool from the installation CD.

2. Use the Config Tool to discover the camera and open the camera's webpage.

3. Log on to the camera as the admin user. The default user name is **admin** (case-sensitive) and the default password is **1234**.

Configuring the PTZ Dome

The following figure shows the basic controls on the **Live** page:
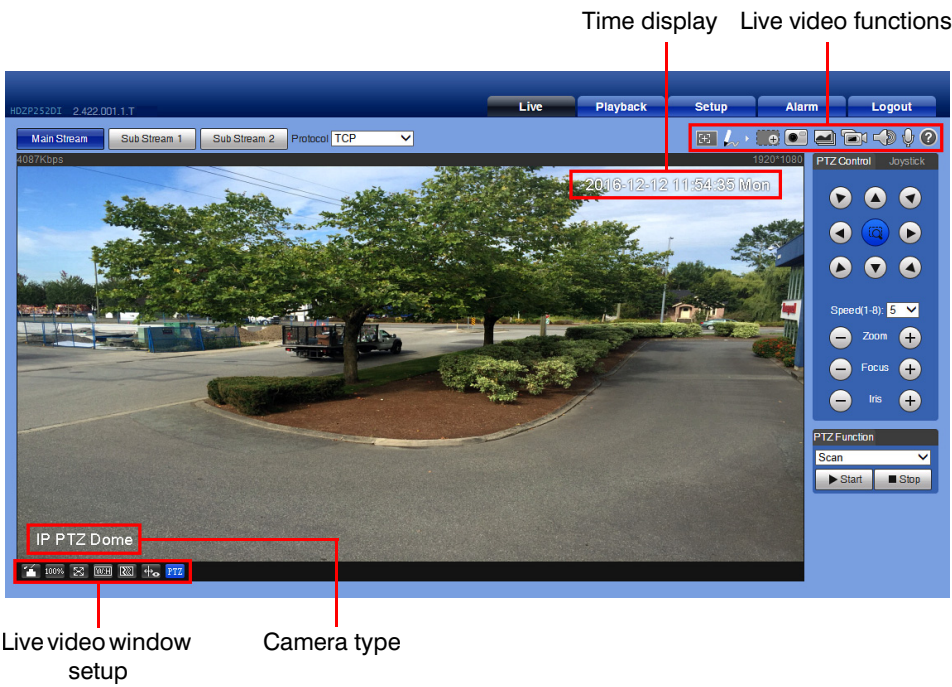
Refer to the *Performance Series IR 1080p IP PTZ Dome Camera User Guide* for detailed instructions on how to configure the camera using the web client.

Recommended Recorders

The following table lists the Honeywell Embedded NVRs recommended for use with Performance Series IR 1080p IP PTZ dome cameras:

HEN081*4	8ch, 2 HDD, 8 PoE, 4K, H.265
HEN161*4	16ch, 2 HDD, 16 PoE, 4K, H.265
HEN321*4	32ch, 2 HDD, 16 PoE, 4K, H.265
HEN162*4	16ch, 4 HDD, 16 PoE, 4K, H.265
HEN322*4	32ch, 4 HDD, 16 PoE, 4K, H.265
HEN642*4	64ch, 4 HDD, 16 PoE, 4K, H.265
HEN163*4	16ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6
HEN323*4	32ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6
HEN643*4	64ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6

* Storage in TB

Honeywell