HD3DS(X) HD3HRS(X) Indoor Minidome Camera Quick Installation Guide

This document describes how to install the HD3DS(X) and the HD3HRS(X) minidome cameras. The camera can be installed to a wall or ceiling using one of the following methods:
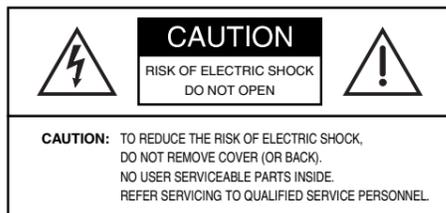
- surface mount
- flush (in-ceiling) mount
- pendant mount

Important Safety Instructions

- Read and keep these instructions.
- Please ensure that your installation area can safely support the weight of the camera.
- Do not install the camera in extreme temperature conditions. Only use the camera where temperatures are within the limits shown in the specifications section of the user guide. Be especially careful to provide ventilation when operating under high temperatures.
- Do not aim the camera towards an extreme light source to prevent damaging the CCD.
- This camera is rated for indoor operation; do not expose this camera to rain or moisture.
- Do not touch the camera lens, dome or bezel (front glass plate).
- Do not drop the camera or subject it to physical shock.
- Do not use a strong or abrasive detergent when cleaning the camera.

⚠️ **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**   This device is configured for 12 V DC or 24 V AC operation. Do not connect to a higher voltage. Use only with NRTL-approved Class 2 power supplies.
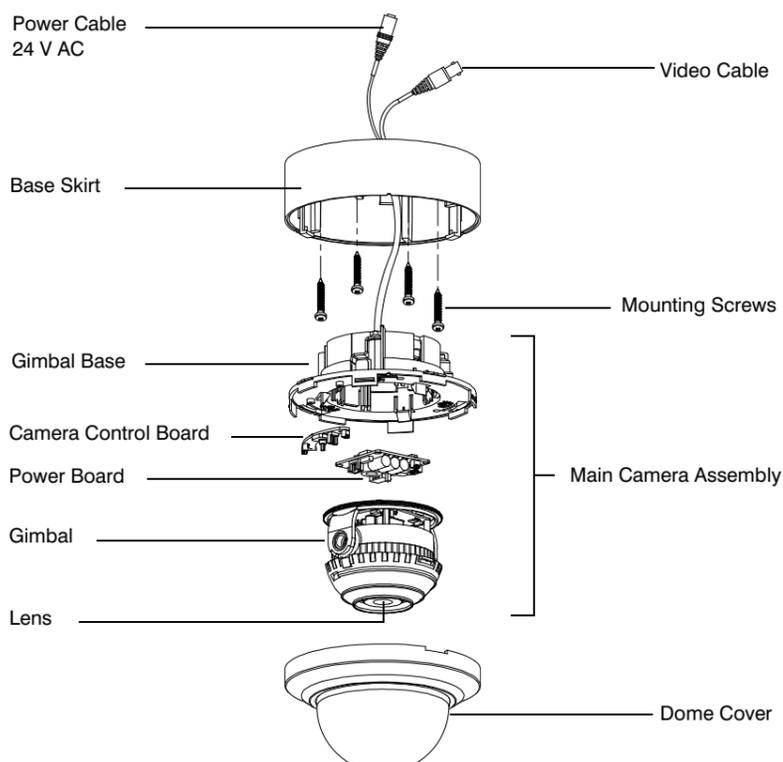

⚡	CAUTION	⚠️
	RISK OF ELECTRIC SHOCK DO NOT OPEN	

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

Package Contents

Before you begin, check that you have the following items:

- HD3DS(X) or HD3HRS(X) camera
- 2nd video cable
- DC power jack flying lead
- Hardware kit consisting of four (4) mounting screws and anchors
- Mounting template

Camera Overview

Power Cable 24 V AC
Video Cable
Base Skirt
Mounting Screws
Gimbal Base
Camera Control Board
Power Board
Main Camera Assembly
Gimbal
Lens
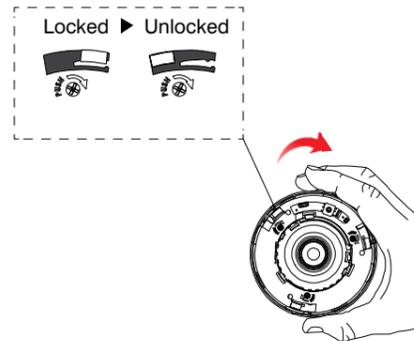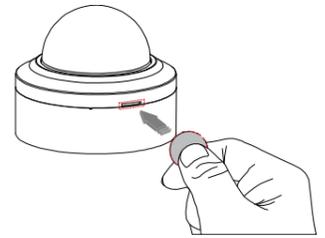Dome Cover

① Installing the Camera

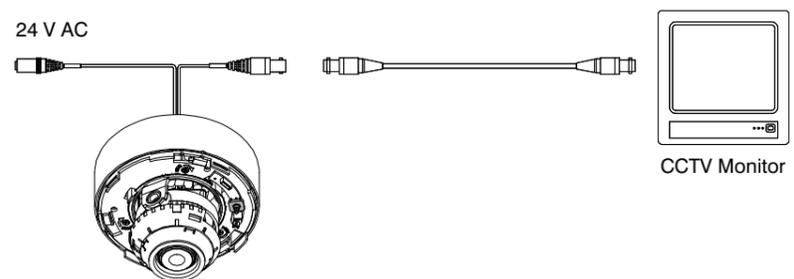### Disassembling the Camera

1. Insert a coin into the notch on the camera base and twist. Set the dome cover aside.
2. Grasp the gimbal base with one hand and the base skirt with the other and twist the gimbal base clockwise to remove it from the skirt.

Locked ▶ Unlocked

3. Remove the main camera assembly from the base skirt.
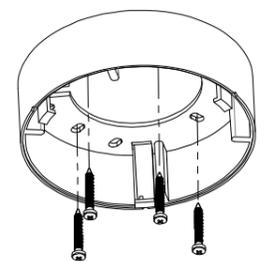
Connecting the Cables

Connect the power and video cables.

24 V AC

CCTV Monitor
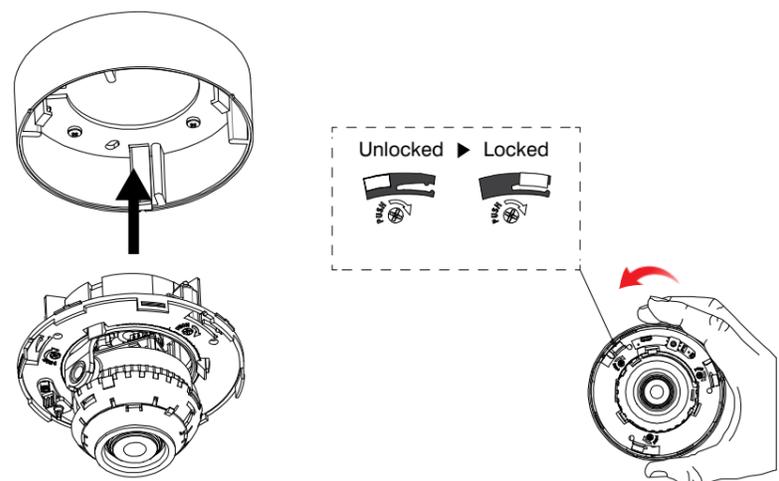
Mounting the Camera

Surface Mount

1. Pre-drill the mounting holes using the supplied mounting template as a guide.
2. Attach the base skirt to the mounting surface using the supplied mounting screws and anchors.

Note   For added support, you can attach the base skirt to a 2S junction box.

3. Re-attach the main camera assembly to the base skirt. Twist the gimbal base counterclockwise to lock it in place.
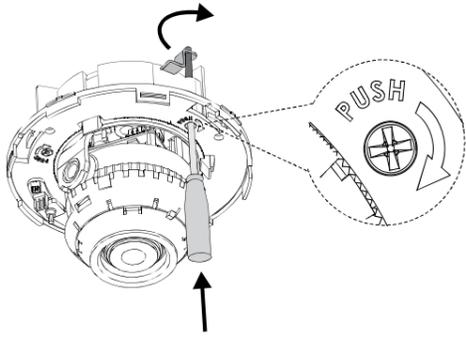

Unlocked ▶ Locked

4. Adjust the gimbal position, field of view, and focus as desired (see *Setting Up the Camera*).

Flush Mount

1. Cut a hole in the mounting surface using the supplied mounting template as a guide.
2. Insert the main camera assembly through the hole.

3. With a Phillips screwdriver, push and turn the three (3) spring-loaded screws ninety degrees (90°) to rotate the wing tabs outward.

4. Adjust the gimbal position, field of view, and focus as desired (see *Setting Up the Camera*).

Pendant Mount

1. Attach the pendant mount to the mounting surface using appropriate hardware (not supplied).

2. Attach the base skirt to the pendant mount.

3. Attach the main camera assembly to the base skirt.

4. Adjust the gimbal position, field of view, and focus as desired (see *Setting Up the Camera*).
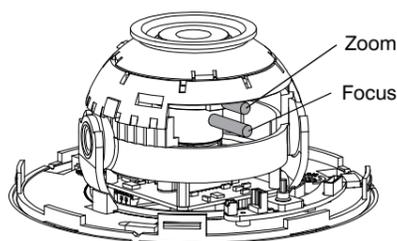
② Setting Up the Camera

Adjusting the Gimbal

Rotate and tilt the gimbal as desired.

| Rotation 360° | Tilt 70° |
| Pan 360° | Pan 355° |

Adjusting the Field of View

1. Loosen the zoom screw.

2. Move the screw right to zoom in (tele) or left to zoom out (wide).

3. Tighten the zoom screw to lock it in place.
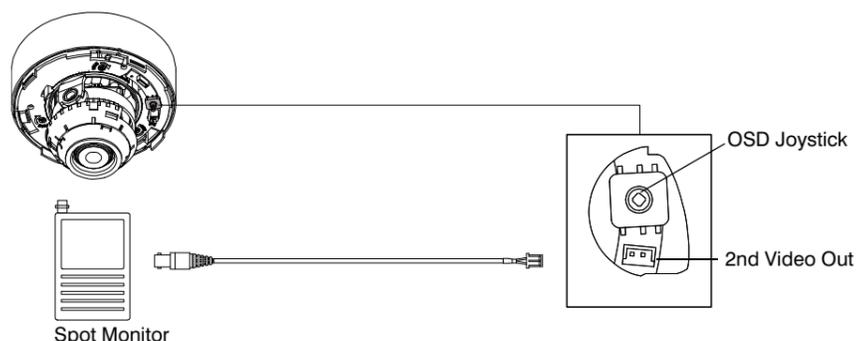

Zoom

Focus

Adjusting the Focus

1. Loosen the focus screw.

2. Move the screw right to focus near or left to focus far.

3. Tighten the focus screw to lock it in place.

Configuring the Camera Settings

Connect to a spot monitor.

OSD Joystick

2nd Video Out

Spot Monitor

Configure the camera settings using the OSD. Refer to the *3 Inch High Resolution Indoor Minidome Camera Configuration Guide* for detailed configuration instructions. Use the controller joystick to navigate through the OSD menu structure.

1. EXPOSURE	2. COLOR	3. DAY&NIGHT
LENS	WB MODE	D&N MODE
BACKLIGHT	RED GAIN	NIGHT C.
AGC	BLUE GAIN	NIGHT A.
SENSE-UP	COLOR MODE	EXIT JUMP
3D DNR	EXIT JUMP	
EXIT JUMP		
4. FUNCTION	**5. MOTION**	**6. PRIVACY**
MIRROR	AREA SET	MASK 1
SHARPNESS	SENSITIV.	MASK 2
GAMMA	SHOW INDI.	MASK 3
SLC	EXTER OUT	MASK 4
NIGHT-UP	EXIT JUMP	MASK 5
EXIT JUMP		MASK 6
		MASK 7
		MASK 8
		EXIT JUMP
7. SETUP	**8. EXIT**	
TITLE	SAVE&EXIT	
DPC SET	EXIT	
MONITOR		
LANGUAGE		
OSD COLOR		
COMMUNICA.		
FACTORY SET		
EXIT JUMP		

③ Replacing the Dome Cover

Re-attach the dome cover to the camera base by lining up the yellow stickers and snapping the dome cover into place.

Regulatory Statements

FCC 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.

Canadian Compliance Statement

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 essential protection requirements of the EMC directive 2004/108/EC, conforming to the requirements of standards EN 55022 for emissions, EN 50130-4 for immunity, and EN 60065 for electrical equipment safety.

WEEE (Waste Electrical and Electronic Equipment)

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.

Honeywell