

## Package Contents

- 2.1MP Discreet Vandalproof MPX Audio Dome Camera
- Mounting Kit
- Mounting Template
- Allen Key
- Power Pigtail

## Safety Precautions

### ATTENTION:

A REGULATED (UL / CSA APPROVED) power supply is REQUIRED for use with this camera. Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.

- Use an appropriate low-voltage power cable to prevent fire or electrical shock.
- 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.
- Do not point the cameras directly towards the sun or a source of intense light.

### IMPORTANT:

This camera includes an Auto Mechanical IR Cut Filter. When the camera changes between Day/Night viewing modes, an audible clicking noise may be heard from the camera. This clicking is normal, and indicates that the camera filter is working.



**FLIR MPX**

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C243MT2\_QSG\_EN\_R1

## On-Screen Display (OSD) Menu

You can configure the camera's advanced settings on an MPX DVR using the OSD menu.

### To use the OSD menu:

1. In Live View, click the channel that has the camera connected to open in full-screen.
2. Right-click and click Pan/Tilt/Zoom. Enter the system user name and password if prompted. The PTZ menu opens.
3. Click the arrow in the PTZ control window to show advanced controls.
4. Click . The OSD menu appears over the camera image.
5. Use the on-screen controls to configure menu items:
  - **Up / down arrows:** Select menu items.
  - **Left / right arrows:** Change values for menu items.
  - **Esc:** Exit the OSD menu.
  - **Enter:** Confirm selection.

Select **Return** to return to the previous menu, or **Exit** from the main menu to exit.

**NOTE:** These instructions are based on current MPX DVR interface. If you are not able to access your DVR's OSD menu by following these steps, please use the instructions in your DVR manual instead.

See the full OSD menu tree below:

Format	
Video Mode	
Backlight Mode	
Image Adjustment	Image Mode
	Sharpness
	Brightness
	Contrast
	Saturation
	Sharp Suppress
	Gamma
	2 DNR
	3 DNR
Exposure	Exposure Mode
	Exposure Level
	Exposure Speed
	Anti-flicker
White Balance	
Day/Night	
Language	
Advanced	Camera Title
	Mirror
	Horizontal Mirror
	Vertical Mirror
	D-Zoom
	Lens Type
	<b>Audio Mode</b>
	Smart IR
	Privacy Mask
	RS485 Setup [service only] Address
	System Information
Factory default	
Exit	

## 2.1MP Discreet Vandalproof MPX Audio Dome Camera

Quick Start Guide  
English Version 2.0

C243MT2 Series



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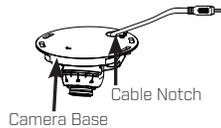
## Installing the Camera

### ATTENTION:

Test the camera prior to selecting a permanent mounting location by temporarily connecting the camera(s) and cables to the DVR.

### Before installing the camera:

Decide whether to run the cables through the wall / ceiling (drilling required) or along the wall / ceiling.



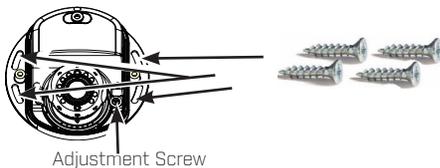
**NOTE:** If you run the cable along the wall / ceiling, it needs to go through cable notches in the camera base and cover. This will keep the camera base flush to the surface when mounted. Use pliers to break off the perforated metal tab on the camera cover, and then align the cable notch in the camera cover with the cable notch in the camera base.

### To install the camera:

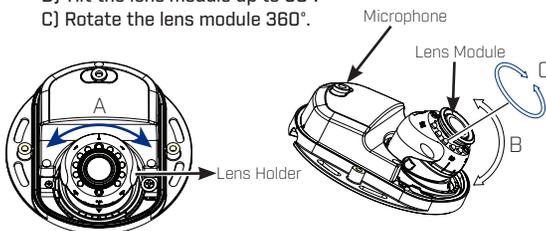
- To separate the camera cover from the camera base, loosen the screws located on either side of the camera cover using the included Allen key.
- Use the included mounting template to mark holes for the mounting screws.
- Drill the holes and then feed the cable through the mounting surface or cable notch.

**NOTE:** Insert the included drywall anchors if installing the camera in drywall.

- Connect cables as shown in the section “Connecting the Camera”.
- Mount the camera base to the surface using the provided mounting screws. Make sure all screws are fastened tightly.



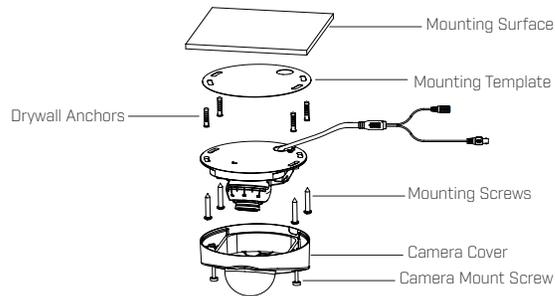
- Use a Philips head screwdriver (not included) to loosen the lens module adjustment screw. Do not loosen all the way.
- Adjust the angle of the camera as needed.
  - Turn the lens holder up to 45°.
  - Tilt the lens module up to 90°.
  - Rotate the lens module 360°.



- Tighten the adjustment screw when finished.

## Installing the Camera (continued)

- Cover the camera base with the camera cover.
- Tighten the screws on either side of the camera cover.

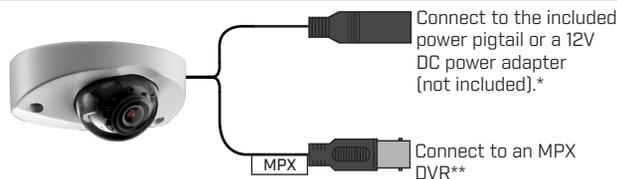


## Powering the Camera

- Connect the BNC connector on the camera to the video cable. See “Camera Wiring” for details.
- DC Power—Power Pigtail:** Connect the included power pigtail to the camera. Connect the terminating wires of the cable directly to the DC power source.  
**OR**  
**DC Power—Power Adapter:** Connect a 12V DC power adapter (not included) to the camera and a local power outlet.

**NOTE:** For pigtail connection with 12V DC, make sure to check polarity specifications on the power adapter.

## Camera Wiring



\* Camera focus may be affected if the power connection is too long. It is recommended not to extend the power connection past 200ft (61m).

\*\* Supports audio transmission.

## Disabling Camera Audio

### WARNING:

Audio recording without consent is illegal in certain jurisdictions. FLIR Systems assumes no liability for use of its products that does not conform with local laws.

Audio is enabled by default. To disable camera audio through a MPX recorder:

- In Live View, double-click the camera channel to open in full-screen.
- Right-click and then click **PAN/TILT/ZOOM**. Enter the system user name and password if prompted. The PTZ menu opens.

**NOTE:** If prompted, set the control mode and protocol for the channel that the camera is connected to in the **PAN/TILT/ZOOM** setting page.

- Click the arrow in the PTZ control window to show advanced controls.
- Click . In **Menu Operation**, click **Enter**. The OSD menu appears over the camera image.
- Select the **Advanced** menu using the on-screen controls.
- Select the **Audio Mode** option and choose **OFF**.
- Click **Enter**.

**NOTE:** These instructions are based on current MPX DVR interface. If you are not able to access your DVR's OSD menu by following these steps, please use the instructions in your DVR manual instead.

## Extension Cable Options

The entire length of the cable run must be made using a single extension cable between the camera and the DVR.

Specification	Maximum Length
RG59 20AWG Conductor 95% Braid CSA/UL or C(UL) Approved	Up to 1000ft (300m) <sup>†</sup>
RG6 20AWG Conductor 95% Braid CSA/ UL or C(UL) Approved	Up to 2000ft (600m) <sup>†</sup>
Analog CCTV Balun	Up to 300ft (91m)

<sup>†</sup> Long cable runs over 1000ft (300m) may be affected by electro-mechanical interference (EMI), which can increase the amount of noise in the picture in some installations.

## Camera Dimensions

