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› 4MP PoE IP Turret Dome Camera Instruction Manual

Marquis IPC-4MP

Marquis 4MP PoE IP Turret Dome Camera

Model: IPC-4MP - User Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Marquis 4MP PoE IP Turret Dome Camera. This camera is designed for both indoor and outdoor surveillance, offering high-resolution video and robust features for reliable security monitoring.



Image: Front view of the Marquis 4MP PoE IP Turret Dome Camera, showcasing its compact design and lens.

KEY FEATURES

- **4 MP HD Resolution:** Provides clear and detailed video suitable for facial recognition and license plate identification.
- **Power over Ethernet (PoE):** Simplifies installation by allowing both power and data transmission over a single Ethernet cable.
- **Dual H.265/H.264 Compression:** Efficient video compression for reduced storage requirements and bandwidth usage.
- **Wide Compatibility:** Supports plug-and-play with various NVR brands and works with third-party software like Blueiris, Milestone, and iSpy.
- **IP66 Weather Rated Enclosure:** Designed for outdoor use, resistant to dust and strong jets of water, and capable of withstanding extreme temperatures.
- **2.8mm Wide Angle Lens:** Offers a 103° field of view to cover a broad area with fewer cameras.

- **Built-in Microphone:** Enables one-way audio recording.



4MP
HD

2.8mm
SUPER-WIDE
ANGLE LENS

 Watch what you love in 4MP UltraHD video resolution	 See more detail in true Wide Dynamic Range up to 120dB	 Witness outstanding visibility in low-light environments.	 Focus on what matters with a 103° super-wide viewing angle.
 Matrix Infrared LED 2 pc Array IR 98 ft	 1-Way Audio with Built-in Mic	 HEVC Compression	 1/2.7" CMOS Sensor

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Image: Visual representation highlighting key features such as 4MP HD, WDR, H.265 compression, 1-way audio, and 103° wide view.

PACKAGE CONTENTS

Please ensure all items are present in the package:

- Marquis 4MP PoE IP Turret Dome Camera
- Mounting Screws
- Instruction Manual (this document)

SETUP

1. Physical Installation

The camera is designed for ceiling mount installation. Choose a location that provides the desired field of view and is within reach of your Ethernet cabling.

1. Mark the drilling points on the ceiling using the camera's base as a template.
2. Drill pilot holes and insert wall anchors if necessary.
3. Secure the camera base to the ceiling using the provided screws.
4. Adjust the camera's angle to achieve the optimal viewing area.

2. Power and Network Connection (PoE)

Connect the camera to your network using a single Ethernet cable. The camera supports Power over Ethernet (PoE), which means it receives both power and data through this cable from a PoE-enabled NVR or PoE switch.



Image: Illustration of the camera's power and network (PoE) ports, indicating where to connect the Ethernet cable.

3. Initial Software Configuration

The camera is compatible with various Network Video Recorders (NVRs) and third-party surveillance software. For initial

setup and advanced configurations, you may need to access the camera's web interface or use compatible software.

- **NVR Integration:** Connect the camera to your PoE NVR. Most modern NVRs will automatically detect and configure the camera. Refer to your NVR's manual for specific steps.
- **Third-Party Software:** The camera works with software such as Blueiris, Milestone, and iSpy. Ensure your software is updated and configured to detect ONVIF-compatible IP cameras.
- **Web Browser Access:** The camera's settings can be accessed via a web browser. It is recommended to use a compatible browser for full functionality.



Image: Visual guide illustrating the camera's compatibility with various NVR brands (Hikvision, Dahua, Amcrest, Ezviz, LTS, LaView, Lorex), web browsers (Chrome, Safari, Edge, Firefox, Opera), and surveillance software (Blueiris, Milestone, iSpy).

OPERATING THE CAMERA

Video Monitoring

Once connected to an NVR or surveillance software, you can view the live feed and recorded footage. The camera provides

a 4MP resolution for clear images.

Day and Night Vision

The camera automatically switches between day (color) and night (infrared) vision modes based on ambient light conditions. The IR-CUT filter ensures accurate color reproduction during the day, while the infrared LEDs provide clear black-and-white images in low-light or no-light environments up to 30 meters.



4MP HD
2.8mm SUPER-WIDE ANGLE LENS

4.4"

4"

Metal Aluminum

2.8mm Fixed Lens

1 Way Audio

2 PC Array IR 98 ft

Technical Specifications

CAMERA Image Sensor 1/2.7" 4MP CMOS Resolution Up to 4MP UltraHD (2560 x 1440) Night Vision Up to 98.43 ft Wide Dynamic Range Up to 120dB Lens Type 2.8mm (Fixed) Field of View H:103°, V: 71°, D:132°	VIDEO Compression H.265 / H.264 Frame Rate Main Stream 4MP (25FPS) NETWORK Power Over Ethernet RJ-45 (10/100 Base-T) AUDIO 1-Way Audio with Built-in Mic	CONSTRUCTION IP66 Weatherproof Operating Temperature -40°F - 140°F Dimension 4" x 4.4" Weight 1.3 lbs MOBILE VIEWING iOS and Android Devices
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Image: Side-by-side comparison demonstrating the camera's Day Vision (Normal Mode) with full color and IR Night Vision (Infrared Mode) with black and white clarity.

Audio Functionality

The integrated microphone allows for one-way audio capture, providing additional situational awareness for your surveillance needs.

Motion Detection and Privacy Mask

Configure motion detection zones and sensitivity through your NVR or camera's web interface to trigger recordings or alerts. Privacy mask features allow you to block out specific areas within the camera's view that you do not wish to monitor.

MAINTENANCE

To ensure optimal performance and longevity of your camera, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Weather Protection:** The camera has an IP66 weather rating, providing strong protection against dust and water. However, avoid directing high-pressure water jets directly at the camera.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure your camera has the latest features and security enhancements.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common troubleshooting steps:

- **No Video Feed:**
 - Ensure the Ethernet cable is securely connected to both the camera and the PoE NVR/switch.
 - Verify that the PoE source is active and providing power.
 - Check network connectivity between the NVR/switch and your viewing device.
- **Camera Not Detected by NVR/Software:**
 - Confirm the camera and NVR are on the same network segment.
 - Try restarting both the camera (by disconnecting and reconnecting PoE) and the NVR.
 - Ensure your NVR or software supports ONVIF or the camera's specific protocol.
- **Poor Image Quality:**
 - Clean the camera lens to remove any dust or smudges.
 - Check for obstructions in the camera's field of view.
 - Ensure sufficient lighting for optimal day vision, or that IR LEDs are functioning for night vision.
- **Web Interface Access Issues:**
 - Ensure you are using a compatible web browser.
 - Verify the camera's IP address is correct and accessible from your computer.

If problems persist, please contact customer support.

TECHNICAL SPECIFICATIONS



Image: Detailed view of the camera with dimensions and callouts for 2.8mm fixed lens, 1-way audio, and IR array.

Specification	Value
Model Name	IPC-4MP
Image Sensor	1/2.8" CMOS sensor
Video Capture Resolution	4MP (2560 x 1440)
Lens	2.8mm fixed lens
Field of View	103 Degrees
Connectivity Technology	Ethernet (PoE)

Specification	Value
Compression	H.265/H.264 dual-stream
Audio	1-Way Audio with Built-in Mic
Night Vision	IR distance 20-30 meters (Regular IR)
Weather Rating	IP66
Mounting Type	Ceiling Mount
Power Source	PoE (6 watts)
Dimensions (L x W x H)	4 x 4 x 4.4 inches
Item Weight	15.5 ounces
UPC	850052533038
Date First Available	June 22, 2023

WARRANTY AND SUPPORT

The Marquis 4MP PoE IP Turret Dome Camera comes with a **2-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact Marquis customer service. Refer to the contact information provided with your purchase or visit the official Marquis website for support details.