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› **Axis Communications** /
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Axis Communications 0694-004

Axis Communications Q6045-E MK II Outdoor 1080P PTZ Camera User Manual

Model: 0694-004

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Axis Communications Q6045-E MK II Outdoor 1080P PTZ Camera. This high-performance surveillance camera is designed for outdoor environments, offering 1080p HDTV resolution, 32x optical zoom, and advanced pan/tilt/zoom capabilities for comprehensive area monitoring.

Figure 1: Front view of the Axis Communications Q6045-E MK II Outdoor 1080P PTZ Camera. This image displays the dome camera housing, designed for outdoor installation, with its robust construction and integrated lens system.

2. SETUP

2.1 Unpacking and Inspection

Carefully unpack the camera and all accessories. Verify that all components listed in the packing list are present and undamaged. Report any missing or damaged items to your supplier immediately.

2.2 Mounting the Camera

The Q6045-E MK II is designed for wall mount installation in outdoor environments. Ensure the mounting surface is strong enough to support the camera's weight (approximately 13.16 pounds or 5.97 kg). Use appropriate mounting hardware for secure installation.

1. Select a suitable outdoor location that provides the desired field of view and is protected from direct impact.

2. Secure the mounting bracket to the chosen surface using screws appropriate for the material.

3. Attach the camera to the mounting bracket according to the specific instructions provided with the

bracket. Ensure all connections are tight and secure.

2.3 Power Connection

The camera supports AC/DC power sources. Connect the power cable to the camera's power input port and then to a suitable power supply. Ensure the power supply meets the camera's voltage and current requirements to prevent damage.

2.4 Network Connection

The camera supports both wired and Wi-Fi connectivity. For wired connection, connect an Ethernet cable from your network switch or router to the camera's network port. For Wi-Fi setup, refer to the camera's web interface for wireless configuration after initial wired connection.

2.5 Initial Configuration

After connecting power and network, the camera will boot up. Access the camera's web interface using a web browser by entering its IP address. Follow the on-screen prompts to set up administrator credentials, network settings, and initial video parameters.

3. OPERATING THE CAMERA

3.1 Accessing Live View

Access the camera's live video feed through its web interface or compatible video management software (VMS). This allows real-time monitoring of the surveillance area.

3.2 Pan, Tilt, and Zoom (PTZ) Control

The Q6045-E MK II features advanced PTZ capabilities. Use the controls within the web interface or VMS to:

- **Pan:** Rotate the camera horizontally to cover a wide area.
- **Tilt:** Adjust the camera vertically to view objects at different heights.
- **Zoom:** Utilize the 32x optical zoom for detailed views of distant objects and digital zoom for further magnification.

The camera supports remote control for these functions.

3.3 Video Monitoring and Recording

The camera provides 1080p video resolution at up to 60 frames per second. Configure recording settings, including resolution, frame rate, and storage location (e.g., network video recorder, local storage if available), through the camera's interface or VMS. The camera supports MOV and MPEG-4 video capture formats.

3.4 Night Vision and Low Light Performance

Equipped with Night Color low light technology, the camera delivers enhanced image quality in challenging lighting conditions. Configure day/night mode switching and exposure settings as needed for optimal performance.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the camera's lens and housing to ensure optimal image clarity and prevent accumulation of

dirt or debris. Use a soft, damp cloth for the housing and a lens cleaning solution with a microfiber cloth for the lens. Avoid abrasive cleaners.

4.2 Firmware Updates

Periodically check the Axis Communications website for firmware updates. Keeping the camera's firmware up-to-date ensures access to the latest features, performance improvements, and security patches. Follow the manufacturer's instructions carefully when performing firmware updates.

4.3 Environmental Considerations

The Q6045-E MK II has an International Protection Rating of IP541 and IP67, indicating its resistance to dust and water ingress. While designed for outdoor use, ensure proper installation to maximize its lifespan and performance in various weather conditions.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your camera.

- **No Power:** Verify that the power cable is securely connected to both the camera and the power source. Check the power outlet and any associated circuit breakers.
- **No Video Feed:** Ensure the camera is properly connected to the network (wired or Wi-Fi). Check network cables, router status, and camera's IP address. Confirm that the camera's status indicator lights are active.
- **Poor Image Quality:** Clean the camera lens as described in the Maintenance section. Check for obstructions in the camera's field of view. Adjust focus settings if available in the web interface.
- **PTZ Controls Unresponsive:** Ensure the camera has a stable network connection. If using remote control, verify the connection between the controller and the camera. A camera reboot might resolve temporary issues.
- **Camera Offline Intermittently:** This could indicate an unstable network connection. Check Wi-Fi signal strength or wired network cable integrity. Ensure the camera's power supply is consistent.

If problems persist, consult the Axis Communications support website or contact technical support.

6. SPECIFICATIONS

Below are the technical specifications for the Axis Communications Q6045-E MK II Outdoor 1080P PTZ Camera (Model: 0694-004).

Feature	Specification
Model Name	0694-004
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	1080p
Maximum Webcam Image Resolution	2 MP
Zoom Type	Digital Zoom, Optical Zoom (32x)
Low Light Technology	Night Color
Connectivity Technology	Wired, Wi-Fi

Feature	Specification
Connectivity Protocol	Wi-Fi
Power Source	AC/DC
Mounting Type	Wall Mount
International Protection Rating	IP541, IP67
Item Dimensions (L x W x H)	8.3 x 8.3 x 11 inches (21.1 x 21.1 x 27.9 cm)
Item Weight	13.16 Pounds (5.97 kg)
Photo Sensor Technology	CMOS
Control Method	Remote
Video Capture Format	MOV, MPEG-4
Manufacturer	AXIS COMMUNICATION INC.
Date First Available	January 1, 2015

7. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please visit the official Axis Communications website. The manufacturer, AXIS COMMUNICATION INC., provides support for their products. Keep your purchase receipt and product serial number handy when contacting support.
Manufacturer: AXIS COMMUNICATION INC.
Website: www.axis.com