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## Axis Communications 0934-004

# Axis Communications Q6155-E Network Surveillance Camera User Manual

Model: 0934-004



## 1. PRODUCT OVERVIEW

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The Axis Communications Q6155-E is an advanced PTZ (Pan, Tilt, Zoom) dome network camera designed for outdoor surveillance. It features laser technology for precise and instantaneous focus, even in low-light conditions. This camera is suitable for demanding environments such as city surveillance and critical infrastructure, where rapid focus on moving objects and dynamic scenes is essential.



Figure 1: Axis Communications Q6155-E Network Surveillance Camera. This image displays the dome-shaped outdoor camera unit.

### Key Features:

- **Laser Focus:** Ensures sharp images with immediate focus acquisition.
- **Sharp Dome Technology with Speed Dry:** Maintains clear visibility in various weather conditions.
- **Lightfinder Technology:** Provides excellent image quality in low-light environments.
- **WDR - Forensic Capture:** Enhances detail in scenes with both very bright and very dark areas.
- **Axis Zipstream Technology:** Reduces bandwidth and storage requirements without compromising image quality.

## 2. PACKAGE CONTENTS

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Verify that all components are present in the package before proceeding with installation:

- Network surveillance camera
- Power injector

- AXIS High PoE Midspan (1 port)
- IP66-rated RJ45 connector kit
- Software

### 3. INSTALLATION AND SETUP

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This section outlines the steps for physically installing and initially setting up your Axis Q6155-E camera.

#### 3.1 Mounting the Camera

The camera is designed for ceiling mount installation. Ensure the mounting surface is robust enough to support the camera's weight (approximately 6.39 pounds or 2.9 kg) and can withstand outdoor conditions. Use appropriate fasteners for the chosen mounting location.

1. Select a suitable outdoor location for optimal surveillance coverage.
2. Securely attach the camera mounting bracket to the ceiling using appropriate screws and anchors (not included).
3. Mount the camera dome unit onto the secured bracket, ensuring it is firmly locked in place.

#### 3.2 Power and Network Connection

The Q6155-E camera utilizes Power over Ethernet (PoE) for both power and data transmission. Use the provided AXIS High PoE Midspan.

1. Connect an Ethernet cable from your network switch or router to the "Data In" port on the AXIS High PoE Midspan.
2. Connect another Ethernet cable from the "Data & Power Out" port on the PoE Midspan to the camera's network port. Use the IP66-rated RJ45 connector kit to ensure a waterproof connection for outdoor use.
3. Connect the power injector to a suitable AC power source.
4. Once powered, the camera will initiate its startup sequence.

#### 3.3 Initial Software Configuration

Refer to the included software documentation for detailed instructions on initial network configuration, IP address assignment, and accessing the camera's web interface. It is recommended to change default passwords immediately after initial setup for security.

### 4. OPERATION

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The Axis Q6155-E offers advanced surveillance capabilities. Operation is typically managed through a web browser interface or compatible video management software (VMS).

#### 4.1 Pan, Tilt, and Zoom (PTZ) Control

The camera features full PTZ functionality, allowing remote adjustment of the camera's field of view. Use the controls within the camera's web interface or VMS to:

- **Pan:** Rotate the camera horizontally.
- **Tilt:** Adjust the camera's vertical angle.
- **Zoom:** Utilize the 30x optical zoom to magnify distant objects.

#### 4.2 Laser Focus and Image Optimization

The integrated laser focus system ensures rapid and accurate focusing. The camera automatically adjusts focus as you zoom or pan. Lightfinder technology and WDR - Forensic Capture work together to provide clear images in challenging lighting conditions, including low light and scenes with high contrast.

### 4.3 Motion Detection and Alerts

Configure motion detection settings within the camera's software to trigger alerts or recordings when movement is detected in specified areas. The alert type is primarily motion-only.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your surveillance camera.

### 5.1 Cleaning the Camera

- Periodically clean the camera's dome and lens with a soft, damp cloth to remove dust, dirt, or water spots. Avoid abrasive cleaners.
- Ensure the Speed Dry feature is functioning correctly to repel water from the dome.

### 5.2 Firmware Updates

Regularly check the Axis Communications website for firmware updates. Keeping the camera's firmware up-to-date ensures access to the latest features, security patches, and performance improvements.

### 5.3 Environmental Considerations

While the camera is designed for outdoor use and is waterproof (IP54 rated), extreme environmental conditions can affect performance. Ensure proper ventilation around the camera if installed in an enclosed outdoor space.

## 6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Axis Q6155-E camera.

Problem	Possible Cause	Solution
No image or video feed	Power issue, network connectivity problem, incorrect IP address.	<ul style="list-style-type: none"><li>Check power supply to the PoE Midspan.</li><li>Verify Ethernet cable connections.</li><li>Ensure the camera has a valid IP address and is reachable on the network.</li></ul>
Blurry images	Dirty lens, focus issue, environmental interference.	<ul style="list-style-type: none"><li>Clean the camera lens and dome.</li><li>Allow the laser focus to recalibrate.</li><li>Check for obstructions or excessive vibration.</li></ul>
PTZ controls unresponsive	Software glitch, network latency, camera motor issue.	<ul style="list-style-type: none"><li>Restart the camera (power cycle).</li><li>Check network connection stability.</li><li>Ensure your VMS or web browser is compatible and up-to-date.</li></ul>

For more complex issues, consult the comprehensive documentation available on the Axis Communications support website or contact technical support.

## 7. TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the Axis Q6155-E Network Surveillance Camera.

Model Number	0934-004
Form Factor	Dome
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Waterproof (IP54)
Video Capture Resolution	1080p (1920 x 1080)
Optical Zoom	30x
Low Light Technology	Day/Night, Lightfinder
Special Features	Motion Sensor, Night Vision, PTZ Technology, Laser Focus, WDR - Forensic Capture, Zipstream
Connectivity Technology	Ethernet, Wi-Fi (for certain configurations/accessories)
Power Source	AC (via PoE Midspan)
Mounting Type	Ceiling Mount
Item Dimensions (LxWxH)	6.5 x 6.5 x 10.1 inches (16.5 x 16.5 x 25.6 cm)
Item Weight	6.39 pounds (2.9 kg)
Included Components	Network surveillance camera, Power injector, AXIS High PoE Midspan (1 port), IP66-rated RJ45 connector kit, Software

## 8. SUPPORT AND CONTACT INFORMATION

For technical assistance, product documentation, or to download the latest firmware, please visit the official Axis Communications support website:  
[www.axis.com/support](http://www.axis.com/support)  
You may also find helpful resources and FAQs on their website.

## 9. WARRANTY INFORMATION

Axis Communications products are covered by a limited warranty. The specific terms and duration of the warranty may vary by region and product. Please refer to the warranty statement included with your product or visit the Axis Communications website for detailed warranty information.  
Keep your proof of purchase for warranty claims.

