

[Manuals.plus](#) /

› [Active Pixel](#) /

› Active Pixel 6MP IP 36X Zoom PTZ Security Camera User Manual

Active Pixel 36x IP PTZ

Active Pixel 6MP IP 36X Zoom PTZ Security Camera User Manual

Model: 36x IP PTZ

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Active Pixel 6MP IP 36X Zoom PTZ Security Camera. This professional-grade IP Pan/Tilt/Zoom speed dome camera is designed for outdoor surveillance, featuring 6MP high resolution, 36X optical zoom, and 450ft IR-Cut night vision. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Image 1.1: Active Pixel 6MP IP 36X Zoom PTZ Security Camera. This image shows the dome-shaped camera mounted on a bracket, indicating its outdoor and wall-mount design.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, contact customer support.

- Active Pixel 6MP IP 36X Zoom PTZ Security Camera
- Mounting Stand
- Power Adaptor
- Mounting Hardware (screws, wall plugs)
- Quick Start Guide (if applicable)

3. PRODUCT FEATURES

The Active Pixel 6MP IP 36X Zoom PTZ Security Camera offers the following key features:

- **Professional IP Pan/Tilt/Zoom Speed Dome:** Provides flexible surveillance coverage with remote control.
- **6MP High Resolution:** Delivers clear and detailed video footage.
- **36X Optical Zoom:** Allows for detailed viewing of distant objects without loss of clarity.
- **450ft IR-Cut Night Vision:** Ensures effective surveillance in low-light or no-light conditions.
- **ONVIF Support:** Ensures compatibility with various network video recorders (NVRs) and surveillance systems.
- **1/2.8" CMOS Sensor:** High-quality image sensor for superior performance.
- **Wide Angle 2.8mm-12mm Lens:** Offers a versatile field of view.
- **IP66 Outdoor Waterproof:** Designed to withstand harsh outdoor weather conditions.
- **PTZ Speed:** 90 degrees vertical movement, 360 degrees endless horizontal rotation.

4. SETUP

Follow these steps to set up your Active Pixel PTZ Security Camera:

1. Mounting the Camera:

- Choose a suitable outdoor location for mounting, ensuring a clear line of sight and access to power and network cables.
- Use the provided mounting stand and hardware to securely attach the camera to a wall or pole. Ensure the mounting surface can support the camera's weight.
- Drill pilot holes, insert wall plugs if necessary, and fasten the stand using screws.

2. Power Connection:

- Connect the provided power adaptor to the camera's power input port.
- Plug the adaptor into a suitable power outlet.
- *Note:* Ensure the power source is stable and meets the camera's power requirements.

3. Network Connection:

- Connect an Ethernet cable from your network router or PoE switch to the camera's RJ45 network port.
- If using a PoE switch, a separate power adaptor may not be required.

4. Software Installation and Configuration:

- Install the appropriate IP camera management software or NVR software on your computer or mobile device. Refer to the software's documentation for installation instructions.
- Use the software to discover the camera on your network. The camera's default IP address or a DHCP-assigned address should be detectable.
- Access the camera's web interface or software settings to configure network parameters (e.g., static IP address), set up user accounts, and adjust video settings.
- Change the default password immediately for security purposes.

5. OPERATING INSTRUCTIONS

Once the camera is set up and configured, you can begin operating it using your surveillance software or NVR.

1. Live View:

- Open your surveillance software or NVR interface.

- Select the Active Pixel PTZ camera from the device list to view its live feed.

2. Pan, Tilt, and Zoom (PTZ) Control:

- Use the on-screen controls within your software to pan (horizontal movement), tilt (vertical movement), and zoom (optical zoom) the camera.
- The camera supports 360-degree endless horizontal rotation and 90-degree vertical movement.

3. Night Vision:

- The camera automatically switches to IR-Cut night vision mode in low-light conditions.
- The infrared illuminators provide visibility up to 450ft.

4. Recording and Playback:

- Configure recording schedules and motion detection settings within your NVR or software.
- Access recorded footage through the playback function of your surveillance system.

5. Remote Access:

- If configured, access your camera remotely via a mobile app or web browser.
- Ensure proper network settings (e.g., port forwarding, DDNS) are in place for remote access.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your camera.

- **Cleaning:** Periodically clean the camera lens and dome cover with a soft, damp cloth to remove dust, dirt, or water spots. Do not use abrasive cleaners.
- **Firmware Updates:** Check the manufacturer's website for firmware updates. Keeping the firmware updated can improve performance, add features, and enhance security.
- **Cable Inspection:** Regularly inspect all cables (power, network) for any signs of wear, damage, or loose connections.
- **Mounting Security:** Ensure the camera remains securely mounted. Tighten any loose screws if necessary.
- **Software Review:** Periodically review your camera's software settings, including recording schedules and user permissions, to ensure they meet your current security needs.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No power to camera	Loose power connection, faulty adaptor, power outage.	Check power cable connections. Test the power adaptor. Verify power outlet functionality.
No video feed	Network connection issue, incorrect IP settings, software configuration error.	Verify Ethernet cable connection. Ensure camera and NVR/software are on the same network. Check camera's IP address and port settings. Restart camera and NVR.
PTZ controls not responding	Software issue, network latency, camera motor malfunction.	Restart the surveillance software. Check network stability. If the issue persists, contact technical support.

Problem	Possible Cause	Solution
Poor night vision	Dirty lens/dome, IR illuminator obstruction, insufficient power.	Clean the camera lens and dome. Ensure no objects are blocking the IR LEDs. Verify stable power supply.
Cannot access camera remotely	Incorrect network configuration (port forwarding, DDNS), firewall blocking.	Review router settings for port forwarding. Check firewall rules. Ensure DDNS service is active and correctly configured.

8. SPECIFICATIONS

Key technical specifications for the Active Pixel 6MP IP 36X Zoom PTZ Security Camera:

Feature	Detail
Brand	Active Pixel
Model Number	36x IP PTZ
Indoor/Outdoor Usage	Outdoor
Connectivity Protocol	ONVIF
Mounting Type	Wall Mount
Video Capture Resolution	6MP (2048P)
Optical Zoom	36X
Night Vision Range	450ft (IR-Cut)
Sensor	1/2.8" CMOS Sensor
Lens	Wide Angle 2.8mm-12mm
PTZ Horizontal Rotation	360 degrees Endless
PTZ Vertical Movement	90 degrees
Waterproof Rating	IP66
Item Dimensions (L x W x H)	35 x 20 x 25 Centimeters
Item Weight	3 Kilograms
Video Capture Format	MPEG-4

9. WARRANTY AND SUPPORT

Warranty: Active Pixel Wired Cameras come with a 2-year manufacturer warranty on parts.

Technical Support: Lifetime technical support is provided for this product.

For technical assistance, warranty claims, or any product-related inquiries, please contact:

- **Manufacturer:** Glorious Digital Solution Pvt Ltd.
- **Customer Care:** 9321367328

- **Address:** Glorious Digital Solution Pvt Ltd, Mumbai, India.

© 2024 Active Pixel. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question