

Active Pixel G13 Pro

Active Pixel 4G Solar Powered 4MP CCTV Camera - G13 Pro User Manual

Model: G13 Pro

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Active Pixel G13 Pro 4G Solar Powered 4MP CCTV Camera. This device is designed for outdoor surveillance, offering 4G LTE connectivity, solar power, and advanced monitoring features. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Active Pixel G13 Pro 4G Solar Powered 4MP CCTV Camera
- Solar Panel
- Power Adapter
- Mounting Bracket and Screws
- User Manual (this document)
- *(SIM card and SD card are not included and must be purchased separately)*

3. PRODUCT OVERVIEW

The Active Pixel G13 Pro is an advanced outdoor security camera featuring a 4MP resolution, 4G connectivity, and solar power for continuous operation. It includes a unique 2+1 lens setup with two fixed-angle cameras and one 360° Pan-Tilt-Zoom (PTZ) camera for comprehensive coverage.



Figure 3.1: Active Pixel G13 Pro 4G Solar Powered 4MP CCTV Camera. The image displays the camera unit with an integrated solar panel on top, two fixed camera modules on the sides, and a central PTZ camera module below. Two antennas are visible on the back of the main unit.

Key Features:

- **4G SIM Card Support:** Operates independently without Wi-Fi, ideal for remote locations.
- **Solar Powered with Battery Backup:** Ensures 24/7 operation with minimal external power requirements.
- **4MP Ultra-Clear Resolution:** Provides high-definition video footage.
- **2+1 Lens Setup:** Two fixed cameras for wide-angle views and one 360° PTZ camera for dynamic monitoring.
- **IP66 Waterproof Design:** Durable construction for outdoor use in various weather conditions.
- **Motion Detection:** Alerts and recording triggered by movement.
- **2-Way Audio:** Built-in microphone and speaker for communication.
- **Cloud/SD Storage:** Flexible options for video recording storage.

4. SETUP

4.1. SIM Card and SD Card Installation

1. Locate the SIM card slot and SD card slot on the camera unit. These are typically protected by a waterproof cover.
2. Carefully open the cover using a small screwdriver if necessary.
3. Insert a 4G LTE SIM card (Nano-SIM recommended) into the SIM card slot with the metal contacts facing down. Ensure it clicks into place.
4. Insert a compatible Micro SD card (up to 128GB, Class 10 or higher recommended) into the SD card slot with the metal contacts facing down.
5. Securely close the waterproof cover to prevent water ingress.

4.2. Mounting the Camera

1. Choose a suitable outdoor location with direct sunlight exposure for the solar panel and a clear view of the area to be monitored.
2. Use the provided mounting bracket and screws to securely attach the camera to a wall or pole. Ensure the mounting surface is stable.
3. Adjust the angle of the solar panel to maximize sunlight absorption throughout the day.

4.3. Initial Power-On

1. Ensure the internal battery is sufficiently charged. If not, connect the camera to the power adapter for initial charging.
2. Power on the camera. The indicator light should illuminate, indicating it is starting up.
3. Allow a few minutes for the camera to establish a 4G network connection.

5. OPERATING INSTRUCTIONS

5.1. Mobile App Installation and Pairing

1. Download the official Active Pixel mobile application from your smartphone's app store (iOS or Android).
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its device ID.
4. Once paired, you will be able to view live footage and access camera settings.

5.2. Live View and PTZ Control

- Open the app and select your camera to access the live view.
- Use the on-screen controls to pan (horizontal), tilt (vertical), and zoom the PTZ camera.
- Switch between the fixed-angle cameras and the PTZ camera view as needed.

5.3. Motion Detection and Alerts

- Navigate to the camera settings in the app.
- Enable motion detection and adjust sensitivity levels.
- Configure alert notifications (e.g., push notifications, email alerts) to receive instant warnings when motion is detected.

5.4. 2-Way Audio

- In the live view, tap the microphone icon to speak through the camera's speaker.

- Tap the speaker icon to listen to audio from the camera's microphone.

5.5. Video Recording and Storage

- Recordings can be stored on the inserted Micro SD card or via cloud storage (subscription may be required).
- Access recorded footage through the playback section of the mobile app.

6. MAINTENANCE

6.1. Cleaning

- Regularly clean the camera lenses and solar panel with a soft, damp cloth to ensure optimal performance.
- Do not use harsh chemicals or abrasive materials.

6.2. Battery Care

- Ensure the solar panel receives adequate sunlight to keep the battery charged.
- In prolonged periods of low sunlight, consider temporarily charging the camera via the power adapter.

6.3. Firmware Updates

- Check the mobile app periodically for available firmware updates.
- Install updates to ensure your camera has the latest features and security enhancements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Low battery; power adapter issue	Charge the camera using the power adapter. Ensure the adapter is working.
No 4G network connection	SIM card not inserted correctly; no network coverage; SIM card not activated	Reinsert SIM card. Check network coverage in the area. Verify SIM card activation with your provider.
Cannot connect to mobile app	Incorrect pairing process; app version outdated	Ensure correct QR code scanning/device ID entry. Update the mobile app to the latest version.
Poor video quality	Dirty lens; weak 4G signal	Clean the camera lens. Relocate the camera to an area with better 4G signal strength.
Motion detection not working	Feature disabled; sensitivity too low	Enable motion detection in app settings. Increase sensitivity.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	G13 Pro
Brand	Active Pixel
Video Capture Resolution	4MP (1440p)
Connectivity Protocol	Cellular (4G LTE)
Indoor/Outdoor Usage	Outdoor
Mounting Type	Pole Mount
Product Dimensions	20 x 16 x 20 cm
Item Weight	1.3 kg
IP Rating	IP66 (Waterproof)
Power Source	Solar Powered with Battery Backup
Included Components	Power Adapter

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This product may be eligible for an extended warranty. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions. An optional 1-Year Extended Warranty by Onsitego may be available for purchase.

9.2. Customer Support

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

- **Manufacturer/Importer:** Glorious Digital Solution Pvt Ltd
- **Customer Care:** 9321367328
- **Address:** Mumbai, India

Please have your product model number (G13 Pro) and purchase details ready when contacting support.