

[Manuals.plus](#) /

› [Active Pixel](#) /

› Active Pixel 4G Solar Powered 4MP CCTV Camera (Model G 15) User Manual

Active Pixel G 15

Active Pixel 4G Solar Powered 4MP CCTV Camera

MODEL: G 15 USER MANUAL

1. INTRODUCTION

The Active Pixel 4G Solar Security Camera is designed for outdoor surveillance, offering a comprehensive solution without the need for wired internet. It supports 4G LTE SIM cards, making it suitable for remote areas. The camera features a 4MP resolution with a 2+1 lens configuration, providing wide coverage. It includes motion-triggered LED floodlights for enhanced night visibility and operates continuously with its solar panel and built-in battery. The IP66 waterproof design ensures durability in various weather conditions. Remote access, motion alerts, two-way audio, and storage options are available through a mobile application.

Key Features:

- **4G SIM Card Support:** Operates via 4G LTE, eliminating the need for Wi-Fi.
- **Solar Powered with Battery Backup:** Integrated solar panel and rechargeable battery for continuous operation.
- **4MP Resolution with 2+1 Lens Setup:** Two fixed lenses and one 360° PTZ (Pan-Tilt-Zoom) lens for broad coverage and clear 4MP HD video.
- **Motion-Activated LED Floodlights:** Built-in LED lights activate upon motion detection, improving night vision and deterring intruders.
- **IP66 Waterproof Design:** Constructed to withstand dust, rain, and heat for reliable outdoor use.

2. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package.

- Active Pixel 4G Solar Powered 4MP CCTV Camera (Model G 15)
- Solar Panel
- Power Adapter

- Mounting Accessories (screws, wall plugs)
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your Active Pixel camera.



Figure 3.1: Active Pixel 4G Solar Camera showing the main unit, solar panel, and a mobile phone displaying live camera feeds. The image highlights the camera's 4G connectivity and multi-view capability.

360 DEGREES WITHOUT DEAD CORNER

TWO-WAY AUDIO

MOBILE NOTIFICATION

AUTOMATIC ALARM

**WEATHERPROOF &
LIGHTNING PROTECTION**

EVERY CORNER COVERED

Figure 3.2: Diagram illustrating the camera's 360-degree coverage and key features including two-way audio, mobile notifications, automatic alarm, and weatherproof design.



Figure 3.3: Image emphasizing the camera's weatherproof performance, suitable for sunny, snowy, rainy, and windy conditions.

4. SETUP GUIDE

4.1 SIM Card Installation

1. Locate the SIM card slot on the camera unit. This is typically protected by a waterproof cover.
2. Carefully open the cover using a small screwdriver if necessary.
3. Insert a 4G LTE SIM card (not included) into the designated slot, ensuring correct orientation.
4. Securely close the waterproof cover to prevent water ingress.

4.2 Mounting the Camera

The camera is designed for pole mount installation. Choose a location with optimal sunlight exposure for the solar panel and a clear view for surveillance.

1. Identify a suitable mounting location, such as a pole or sturdy wall, ensuring the solar panel receives direct sunlight for most of the day.

2. Use the provided mounting bracket and screws to securely attach the camera unit and solar panel.
3. Adjust the angle of the solar panel to maximize sun exposure.
4. Ensure the camera's field of view covers the desired surveillance area.

4.3 Initial Power and App Connection

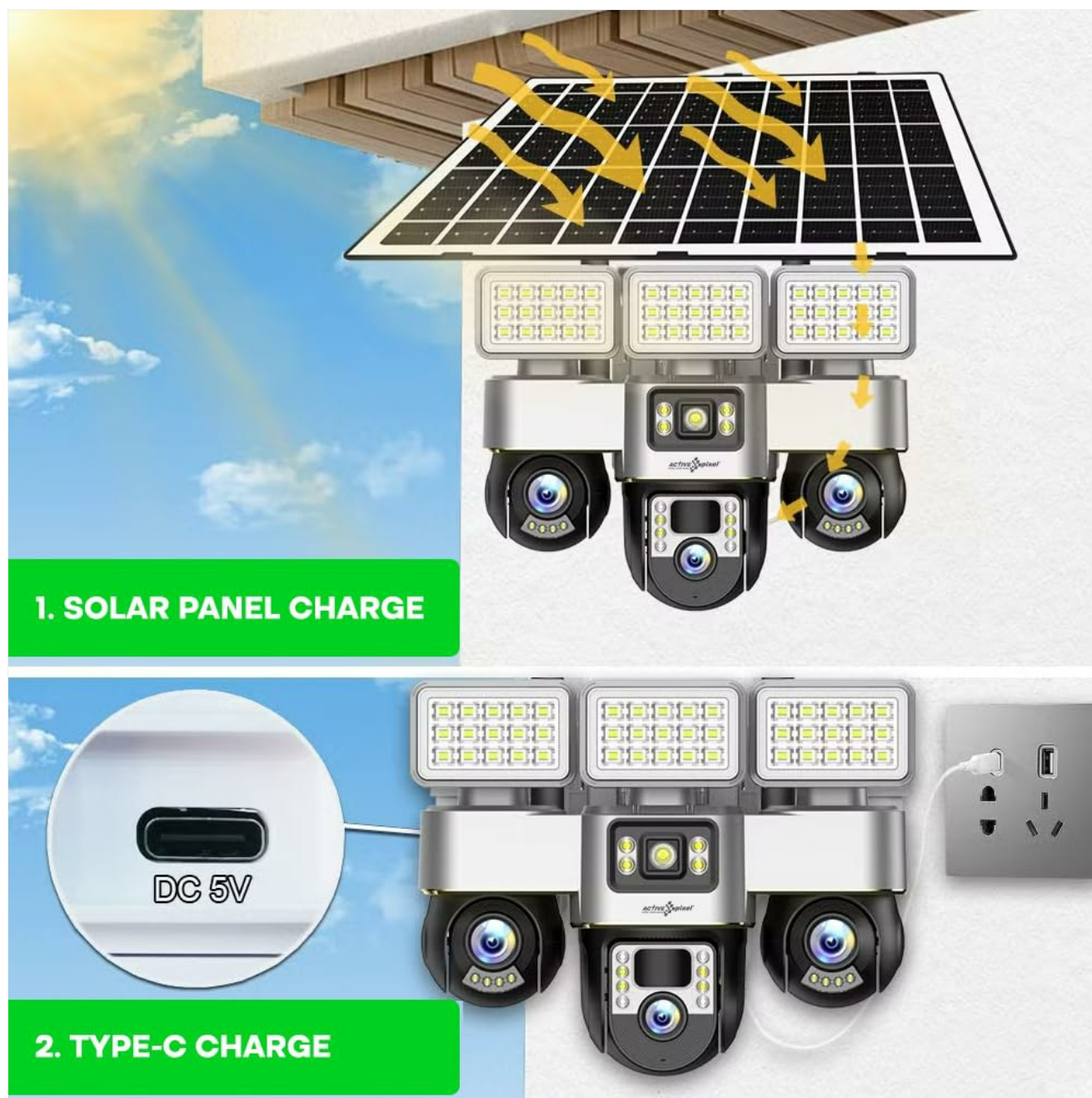


Figure 4.1: Illustration of the two charging methods: solar panel charge and Type-C charge via a power adapter.

1. Connect the solar panel cable to the camera unit. The camera will begin charging its internal battery. For initial setup or if the battery is low, you may use the provided power adapter to charge the camera via its Type-C port.
2. Download the official Active Pixel mobile application from the Google Play Store or Apple App Store.
3. Register an account and 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 connected, you should be able to view the live feed and access camera settings.

5. OPERATING INSTRUCTIONS

5.1 Remote Access and Multi-User Sharing



Figure 5.1: Diagram showing remote access capabilities for Android/iOS mobile phones and computers, allowing multiple users to share the camera feed.

Access your camera's live feed and recordings from anywhere using the mobile application on your Android or iOS device. The app also supports multi-user sharing, allowing you to grant access to family members or trusted individuals.

5.2 PTZ Control

The camera features a 360° Pan-Tilt-Zoom (PTZ) lens. Use the controls within the mobile application to remotely adjust the camera's viewing angle (pan and tilt) and zoom in or out to focus on specific areas.

5.3 Motion Detection and Alerts



Figure 5.2: Example of the camera detecting motion in an outdoor setting, triggering an alert.

YOU CAN SEE EVERYONE WHO PASSES THROUGH YOUR DOOR



Figure 5.3: Illustration of the camera's ability to detect individuals passing through a monitored area, enhancing security. The camera is equipped with advanced motion detection capabilities. When motion is detected, the camera can automatically record footage, send real-time notifications to your mobile device, and activate the LED floodlights. You can customize motion detection sensitivity and alert settings within the app.

5.4 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to listen to audio from the camera's location and speak through the camera to communicate with visitors or deter unwanted individuals.

5.5 Recording Options

The camera supports both cloud storage (subscription may be required) and local storage via an SD card (not included). Configure your preferred recording method and schedule within the mobile application.

5.6 LED Floodlights

The integrated LED floodlights can be set to activate automatically upon motion detection during nighttime hours, providing illumination and acting as a visual deterrent. You can also manually control the floodlights via the mobile

app.

6. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel with a soft, damp cloth to ensure maximum efficiency in charging the battery. Dust, dirt, and debris can reduce its performance.
- **Battery Care:** While the camera has a built-in battery, prolonged periods of low sunlight or extreme temperatures can affect battery life. Ensure the solar panel is optimally positioned.
- **Firmware Updates:** Check the mobile application periodically for available firmware updates. Keeping the camera's firmware updated ensures optimal performance, security, and access to new features.
- **Lens Cleaning:** Gently clean the camera lenses with a soft, lint-free cloth to maintain clear image quality.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Low battery; solar panel not charging; power adapter issue.	Ensure solar panel is clean and in direct sunlight. Connect the camera to the power adapter for initial charge. Check power adapter functionality.
No 4G signal or offline	SIM card not inserted correctly; no network coverage; SIM card not activated or out of data.	Reinsert SIM card. Check network coverage in the area. Verify SIM card activation and data plan with your service provider.
Poor image quality	Dirty lens; low light conditions; network bandwidth issues.	Clean the camera lens. Ensure adequate lighting. Check 4G signal strength.
Motion detection not working	Settings incorrect; obstructions in view; sensitivity too low.	Review motion detection settings in the app. Clear any obstructions. Increase sensitivity if needed.
Two-way audio issues	Microphone/speaker blocked; app permissions; volume settings.	Ensure microphone and speaker are not blocked. Check app permissions for audio. Adjust volume settings in the app and on your phone.

8. SPECIFICATIONS

Feature	Detail
Model Number	G 15
Video Capture Resolution	1440p (4MP)

Feature	Detail
Connectivity Technology	Wireless (4G Cellular)
Indoor/Outdoor Usage	Outdoor
Special Feature	Night Vision, Motion Detection, Two-Way Audio, PTZ, LED Floodlights
Mounting Type	Pole Mount
IP Rating	IP66 Waterproof
Power Source	Solar Powered with Battery Backup
Item Dimensions (LxWxH)	25 x 16 x 25 Centimeters
Item Weight	1.3 Kilograms
Manufacturer	GLOURIOUS DIGITAL SOLUTION PVT LTD
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Please refer to your purchase documentation for specific warranty terms and conditions. An optional 1-year extended warranty may be available from Onsitego.

9.2 Customer Support

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

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