Grandstream GXV3672-HD-36

Grandstream GXV3672-HD-36 Series Outdoor Day/Night HD IP Camera User Manual

Model: GXV3672-HD-36

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Grandstream GXV3672-HD-36 Series Outdoor Day/Night HD IP Camera. The GXV3672 series are robust, weatherproof Infrared HD IP cameras designed for professional surveillance applications in outdoor environments. They feature advanced image processing, H.264 real-time video compression, integrated Power over Ethernet (PoE), and an IR-CUT filter for effective day/night mode operation. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance.

PRODUCT OVERVIEW

Figure 1: Front view of the GXV3672-HD-36 IP Camera, showing the lens and infrared LEDs.

Figure 2: Side view of the GXV3672-HD-36 IP Camera, illustrating the adjustable mounting bracket.

Figure 3: Angled view of the GXV3672-HD-36 IP Camera, highlighting the Grandstream branding and robust casing.

SETUP AND INSTALLATION

1. Package Contents

Before beginning installation, verify that all components are present in the package:

- Grandstream GXV3672-HD-36 IP Camera
- Mounting Kit (screws, anchors)
- Quick Installation Guide

2. Physical Installation

The GXV3672-HD-36 is designed for outdoor use and can be ceiling or wall mounted. Choose a location that provides the desired field of view and is within reach of a network cable with Power over Ethernet (PoE) capability.

1. **Mounting Location:** Select a sturdy surface capable of supporting the camera's weight. Ensure the location offers optimal surveillance coverage and is protected from direct impact.

2. **Drilling:** Use the mounting template (if provided in the quick guide) to mark drill holes. Drill pilot holes appropriate for the included screws and anchors.

3. **Secure Mounting:** Attach the camera's mounting bracket securely to the surface using the provided screws.

4. **Cable Connection:** Connect an Ethernet cable (RJ45) from your PoE-enabled network switch or PoE injector to the camera's network port. The camera will power on automatically.

5. **Adjust Angle:** Loosen the adjustment screws on the camera body to position the camera for the desired viewing angle. Tighten the screws once adjusted.

3. Network Configuration

The camera obtains an IP address via DHCP by default. To access the camera's web interface:

1. **Discover IP Address:** Use Grandstream's GSurf_Pro software or a network scanner tool to discover the camera's IP address on your local network.

2. **Access Web Interface:** Open a web browser and enter the camera's IP address in the URL bar.

3. **Login:** Enter the default username (usually "admin") and password (usually "admin" or found in the quick guide). It is highly recommended to change the default password immediately after the first login for security purposes.

4. **Initial Configuration:** Follow the on-screen prompts to set up basic network settings, date/time, and video parameters.

OPERATING INSTRUCTIONS

1. Live View

Once logged into the web interface, navigate to the "Live View" section to see the real-time video feed from the camera. You can adjust stream quality, resolution, and other display settings from this interface.

2. Video Recording and Storage

The GXV3672-HD-36 supports various recording options:

- **Continuous Recording:** Records video constantly.
- **Motion Detection Recording:** Records only when motion is detected in the configured zones.
- **Scheduled Recording:** Records during specific times of the day or week.

Recordings can be stored on a Network Video Recorder (NVR), a Network Attached Storage (NAS), or managed via Grandstream's GSurf_Pro software or other ONVIF compliant VMS.

3. Motion Detection and Alerts

Configure motion detection zones and sensitivity settings in the camera's web interface. When motion is detected, the camera can trigger various alerts:

- Email notifications with snapshots.
- FTP upload of recorded video clips or images.
- Triggering external alarm devices (if supported by your setup).

4. Day/Night Mode

The camera automatically switches between day (color) and night (black and white, infrared) modes based on ambient light conditions, thanks to its integrated IR-CUT filter and infrared illuminators. This ensures clear images even in low-light or complete darkness.

MAINTENANCE

1. Cleaning

Regularly clean the camera lens and housing to ensure optimal image quality and prevent accumulation of dirt or debris, especially in outdoor environments.

- Use a soft, damp cloth to wipe the camera body.
- For the lens, use a lens cleaning solution and a microfiber cloth to avoid scratches.
- Do not use harsh chemicals or abrasive cleaners.

2. Firmware Updates

Periodically check the Grandstream official website for firmware updates. Firmware updates often include bug fixes, performance improvements, and new features. Follow the instructions provided by Grandstream for safe firmware upgrade procedures.

3. Environmental Checks

Ensure the camera's mounting remains secure and that cables are not damaged or exposed to excessive wear. Verify that the camera's weatherproof seals are intact.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video feed	No power; Network cable disconnected; Incorrect IP address; Firewall blocking access.	Verify PoE connection; Check network cable; Confirm IP address; Adjust firewall settings.
Poor image quality	Dirty lens; Incorrect focus; Low light conditions; Network bandwidth issues.	Clean the lens; Adjust focus via web interface; Ensure adequate lighting or check IR functionality; Check network speed.
Motion detection not working	Motion detection not enabled; Sensitivity too low; Incorrectly configured zones.	Enable motion detection; Increase sensitivity; Redraw motion detection zones.
Cannot access web interface	Incorrect IP address; Network connectivity issue; Browser cache.	Verify IP address; Ping the camera; Clear browser cache or try a different browser.

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

SPECIFICATIONS

Feature	Detail
Model	GXV3672-HD-36
Brand	Grandstream
Effective Video Resolution	720 Pixels (HD)

Feature	Detail
Connectivity Technology	Wired (PoE)
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP66 (Weatherproof)
Low Light Technology	Day/Night with Infrared
Light Source Type	Infrared LEDs
Alert Type	Motion Only
Mounting Type	Ceiling Mount (also suitable for wall mount)
Color	White
Product Dimensions (L x W x H)	10.5 x 7.25 x 5.5 inches
Item Weight	1.15 pounds
Recommended Uses	Security Surveillance

WARRANTY AND SUPPORT

Grandstream products typically come with a limited manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Grandstream website. Keep your purchase receipt as proof of purchase.

For technical support, frequently asked questions, firmware downloads, and additional resources, please visit the Grandstream support portal:

Grandstream Support Website

Related Documents - GXV3672-HD-36

Grandstream DP752/DP730/DP722 DECT Cordless VoIP System User Guide
Comprehensive user guide for the Grandstream DP752 DECT Cordless VoIP Base Station and DP730/DP722 HD Handsets, covering setup, operations, phone settings, call features, and troubleshooting.

	[Grandstream GDS3710 Hemispheric HD IP Video Door System User Manual](#) This user manual provides comprehensive guidance for the Grandstream GDS3710 Hemispheric HD IP Video Door System. It covers product overview, getting started, installation, configuration, application scenarios, peripheral connections, and troubleshooting, enabling users to effectively deploy and manage their access control and surveillance systems.
	[Grandstream WP816/WP826/WP836 User Guide: Features, Setup, and Specifications](#) Explore the Grandstream WP816, WP826, and WP836 cordless Wi-Fi IP phones. This user guide covers their advanced features, setup instructions, operational guidance, and technical specifications for enterprise and vertical market applications.
	[Grandstream WP816/WP826/WP836 Cordless Wi-Fi IP Phone User Guide](#) Comprehensive user guide for Grandstream's WP816, WP826, and WP836 cordless Wi-Fi IP phones, detailing features, technical specifications, setup, and operations for enterprise and vertical market applications.
	[Grandstream GRP2602 Series: Quick Installation Guide for Essential IP Phones](#) Get started quickly with the Grandstream GRP2602, GRP2602P, GRP2602G, and GRP2602W 2-line essential IP phones. This guide covers setup, connection, and basic configuration for reliable communication.
	[Grandstream WP810/WP822/WP825 Firmware Release Notes](#) This document provides detailed release notes for the firmware updates of Grandstream WP810, WP822, and WP825 Wi-Fi phones, outlining new features, enhancements, and bug fixes for various firmware versions.