GeoVision MFD3401-5F1U

GeoVision Dome GV-MFD3401-5F Camera User Manual

Model: MFD3401-5F1U

1. INTRODUCTION

Thank you for choosing the GeoVision Dome GV-MFD3401-5F Camera. This manual provides essential information for the proper installation, operation, and maintenance of your surveillance camera. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the camera or injury to yourself:

- **Power Supply:** Use only the specified power adapter. Incorrect voltage may damage the device or cause fire.

- **Installation:** Ensure the camera is securely mounted to prevent it from falling. Installation should be performed by qualified personnel.

- **Environment:** Do not expose the camera to extreme temperatures, humidity, or direct sunlight. The camera has an International Protection Rating of IP54, indicating protection against dust and splashing water.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.

- **Disassembly:** Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- GeoVision Dome GV-MFD3401-5F Camera (MFD3401-5F1U)

- Mounting Screws and Anchors

- Power Adapter

- Quick Start Guide
- Drill Template (if applicable)

4. PRODUCT OVERVIEW

The GeoVision Dome GV-MFD3401-5F is a high-definition dome surveillance camera designed for various indoor environments such as classrooms, kitchens, living rooms, and offices. It features Wi-Fi connectivity, optical zoom, and night color low-light technology for clear imaging in diverse conditions.

An image showing the GeoVision Dome GV-MFD3401-5F Camera, a white dome-shaped surveillance camera with a dark lens visible through a clear cover.

5. SETUP

5.1. Physical Installation

The GV-MFD3401-5F camera supports both tabletop and wall mount installations. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi network and power source.

1. **Select Location:** Identify a suitable mounting surface (wall or ceiling) or a stable tabletop.
2. **Mounting:** If wall or ceiling mounting, use the provided drill template to mark screw holes. Drill pilot holes and insert anchors if necessary. Secure the camera base using the provided screws.
3. **Adjust Angle:** Once mounted, adjust the camera lens to the desired viewing angle.

5.2. Network Connection

The camera utilizes Wi-Fi for wireless communication.

1. **Power On:** Connect the power adapter to the camera and plug it into an electrical outlet.
2. **Initial Setup:** Refer to the Quick Start Guide for instructions on connecting the camera to your Wi-Fi network using the GeoVision mobile application or web interface. This typically involves scanning a QR code or entering network credentials.
3. **Verification:** Confirm the camera is successfully connected to your network by checking the status indicator light or through the application.

6. OPERATING

6.1. Basic Operation

Once connected, you can access the camera's live feed and basic controls through the GeoVision application or a compatible web browser.

- **Live View:** Open the application/web interface and select your camera to view the real-time video feed.

- **Recording:** Configure recording settings (continuous, motion-triggered, scheduled) via the camera's interface. Video capture format is MPEG-4.
- **Playback:** Access recorded footage from the storage (e.g., microSD card, NVR, cloud storage) through the application.

6.2. Advanced Features

The GV-MFD3401-5F camera offers several advanced features:

- **HD Resolution:** Provides clear and detailed video surveillance.
- **Night Color Technology:** Enhances low-light performance, offering color images even in dimly lit environments.
- **Optical Zoom:** Allows for lossless magnification of the image to focus on specific details without compromising clarity. Use the zoom controls in the application or web interface.
- **Iris Control:** The camera features an Iris controller type for optimal light management.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your camera:

- **Cleaning:** Periodically clean the camera lens and housing with a soft, dry, lint-free cloth. Do not use harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the GeoVision official website or application regularly for firmware updates. Keeping the firmware updated ensures the latest features, security patches, and performance improvements.
- **Connection Check:** Periodically verify the Wi-Fi connection stability and power supply.

8. TROUBLESHOOTING

If you encounter issues with your GeoVision camera, refer to the following common problems and solutions:

- **No Image/Offline:**

    - Check power connection.
    - Verify Wi-Fi signal strength and router status.
    - Restart the camera and your router.

- **Poor Image Quality:**

    - Clean the camera lens.
    - Ensure adequate lighting in the surveillance area.
    - Check network bandwidth if streaming is choppy.

- **Cannot Connect to Wi-Fi:**

    - Ensure correct Wi-Fi password is entered.
    - Move the camera closer to the router.
    - Check if your router supports the camera's Wi-Fi standards.

For more complex issues, consult the GeoVision support website or contact customer service.

9. SPECIFICATIONS

Feature	Detail
Brand	GeoVision
Model Number	MFD3401-5F1U
Form Factor	Dome
Mounting Type	Tabletop Mount, Wall Mount
Wireless Communication Technology	Wi-Fi
Connectivity Protocol	Wi-Fi
Low Light Technology	Night Color
Zoom Type	Optical Zoom
Special Feature	HD Resolution
Video Capture Format	MPEG-4
International Protection Rating	IP54
Power Source	Ac/dc
Controller Type	Iris
Room Type	Classroom, Kitchen, Living Room, Office
Unit Count	1.0 Count
Item Weight	9.9 ounces
UPC	733556569430
ASIN	B06XTWSH2C
Manufacturer	GeoVision, Inc
Date First Available	March 25, 2017
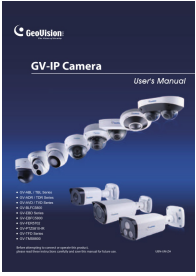
10. WARRANTY AND SUPPORT

GeoVision products are covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official GeoVision website. For technical support, software downloads, and frequently asked questions, please visit the GeoVision support portal or contact their customer service department directly. Keep your purchase receipt as proof of purchase for warranty claims.
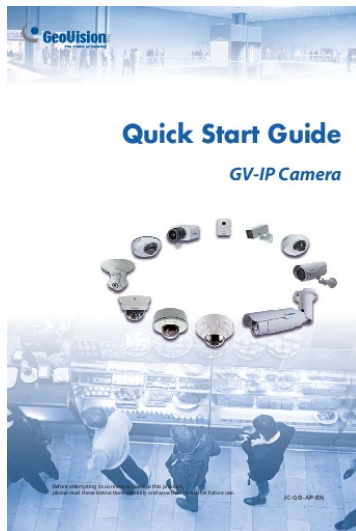**GeoVision Official Website:** www.geovision.com.tw

Related Documents - MFD3401-5F1U

[GeoVision GV-AS / EV Controller Quick Start Guide for Access Control Systems](#)
Comprehensive Quick Start Guide for GeoVision GV-AS and GV-EV series access control controllers. Covers setup, physical wiring, web interface configuration, and GV-ASManager integration for models including GV-AS100, GV-AS210, GV-EV48, and more. Essential for security system installers and administrators.

[GeoVision GV-Cloud IP Camera User's Manual: Installation, Configuration, and Operation Guide](#)
Comprehensive user manual for GeoVision GV-Cloud IP Cameras. Covers installation, network setup (LAN/WAN), live view, detailed configuration of system, image, alarm, and event settings, security management, maintenance, and troubleshooting. Includes model numbers GV-GBL4900, GV-GBL4911, GV-GDR4900, GV-GEB4900, GV-GEBF4911, GV-GFER6900, and GV-GVD4910.

[GeoVision GV-IP Camera Quick Start Guide](#)
This Quick Start Guide provides essential information for setting up and installing GeoVision GV-IP Camera series, including GV-EBD, GV-ABL/TBL, GV-ADR/TDR, and GV-AVD/TVD models. Learn about packing lists, overviews, installation procedures, and accessing the camera via its web interface.

[GeoVision GV-Video Server User's Manual](#)
This comprehensive user manual guides users through the setup, configuration, and advanced features of the GeoVision GV-Video Server. It details how to convert analog cameras into IP streams, enable remote monitoring, and integrate with GeoVision's surveillance ecosystem. The manual covers various models including GV-VS04H, GV-VS11, GV-VS12, GV-VS14, GV-VS2400, GV-VS2401, GV-VS2420, GV-VS2800, GV-VS2820, and GV-VS21600, offering essential information for security professionals and system integrators.

[GV-Fisheye IP Camera User's Manual - GeoVision](#)
Comprehensive user manual for the GeoVision GV-Fisheye IP Camera series, covering installation, configuration, features, and advanced applications. Learn about video settings, motion detection, network setup, recording, and more.

Documents - GeoVision – MFD3401-5F1U

[pdf] User Manual Quick Start Guide Instructions Specifications Guide Warranty

Kiwi 84 MFD3401 5F1U Quick Start Guide Geovision 3MP H 264 WDR Pro Mini Fixed Dome Camera 3 8mm Lens 123securityproducts lanotattachments file id 124730 store 1 |||

Quick Start Guide GV-IP Camera Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use. IC-QG-AP-EN 2016 GeoVision, Inc. All rights reserved. Under the copyright laws, this manual may not be copied, in whole or in part, ...

lang:en score:36 filesize: 7.52 M page_count: 301 document date: 2016-06-23

[pdf] User Manual Instructions Warranty

JoyceChang geovision GV IPCam H Safety Notice UL Certification for MFD120 130 320 The IPCAM 264 uses a 3 0V CR2032 Lithium battery as the power supply its internal real time clock RTC 84 MFD3401 5F1U Manual 123securityproducts lanotattachments file id 124729 store 1 |||

GV-IPCam H.264 Hardware Manual Cube Camera Mini Fixed Dome Mini Fixed Rugged Dome Target Mini Fixed Dome Target Mini Fixed Rugged Dome Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use. ICH264TG2V10 Safety Notice UL...

lang:en score:29 filesize: 1.84 M page_count: 79 document date: 2016-06-23

[pdf] Specifications

GV 2016H V3 kiwi 84 MFD3401 5F1U Specsheet Geovision 3MP H 264 WDR Pro Mini Fixed Dome Camera 3 8mm Lens 123securityproducts lanotattachments file id 124728 store 1 |||

GV-MFD3401 3MP H.264 WDR Pro Mini Fixed Dome 3 Megapixel Progressive Scan WDR Pro CMOS Dual streams from H.264 and MJPEG Up to 20 fps at 2048 x 1536 Day and night function electronic USB slot for GV-WiFi Adapter or USB hard drive Built-in micro SD card slot SD/SDHC for local storage Recor...

lang:en score:18 filesize: 440.43 K page_count: 5 document date: 2016-05-20