

REVOTECH I706-3-FHW

REVOTECH HD 3MP Mini Fisheye Security IP Camera

MODEL: I706-3-FHW USER MANUAL

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your REVOTECH HD 3MP Mini Fisheye Security IP Camera (Model I706-3-FHW). This indoor camera is designed for surveillance, offering high-resolution video and a wide-angle view to monitor your space effectively.

2. Product Features

The REVOTECH I706-3-FHW camera is equipped with advanced features for reliable security monitoring:

- **High Resolution:** 3.0 Megapixel (2304 x 1296P) 1/3" CMOS Sensor for clear images at 20 frames per second.
- **Wide Angle Fisheye Lens:** A 1.7mm fisheye lens provides a 170° viewing angle, covering a broad area.
- **Efficient Video Compression:** Supports H.265 and H.264 encoding, optimizing bandwidth and storage usage.
- **Compact Design:** Mini IP camera type, easy to install and discreetly place.
- **Remote Viewing:** P2P remote viewing capability via smartphone applications and CMS software.
- **Smart Alarm Functions:** Includes motion detection and email alarm features.
- **Durable Construction:** Features a metal material shell.

3MP Fisheye POE IP Camera

- *1296P High Resolution*
- *H.265/H.264 Encode*
- *1.7mm Fisheye Lens*
- *170 Degree View Angle*
- *Metal Case*
- *Mini Size*
- *P2P Remote View*
- *48V 802.3af POE*



Figure 1: Key Features of the REVOTECH Fisheye IP Camera

1.7mm Fisheye Lens

1.7mm FishEye Lens offers 170 degrees wide view angle to cover a wider area, you can let the whole room/space under your eyes via one camera.



Figure 2: 1.7mm Fisheye Lens Wide View Capability

Small Mini Type

This mini camera is very small type and very easy to hide somewhere that other people can not notice. you can put this mini camera in the corner of the home, warehouse, backyard, store, office. Helps protect your safety.



Figure 3: Compact Size for Discreet Placement

3. Package Contents

Please verify that all items are present in your package:

- 1 x REVOTECH HD 3MP Mini Fisheye Security IP Camera
- 1 x User Manual (English)
- 1 x Screws Set for installation
- 1 x Download Card (for software/drivers)

Note: A 12V/2A power supply is required for operation and is NOT included in the package.

Package Including:



Camera



Box



Screws Set



User Manual
(English)



Download Card

Note: This product do not including the power unit.

Figure 4: Package Contents

4. Setup and Installation

Follow these steps to set up your REVOTECH IP camera:

1. **Power Supply:** Connect a DC 12V/2A power adapter (not included) to the camera's power port.
2. **Network Connection:** Connect the camera to your network router or NVR using an Ethernet cable via the RJ45 port. This camera requires a wired connection; it does not support Wi-Fi.
3. **Mounting:** Use the provided screws to mount the camera in your desired indoor location. The adjustable mounting bracket allows for flexible positioning.
4. **Initial Configuration:** This camera is not a 'plug-and-play' device. Manual IP camera configuration knowledge is recommended. Ensure your NVR supports 3MP resolution and H.265 encoding. If not, the camera can be configured to 1080P (2MP) and H.264.



Figure 5: Camera Components and Ports

5. Operating Instructions

Once the camera is physically installed and connected to the network, you can access and manage it using the following methods:

- **Smartphone App:** Download and install the "NVSEE Int 'I" app on your iOS or Android smartphone. Follow the in-app instructions to add your camera for remote viewing, playback, and configuration.
- **CMS Software:** For Windows computers, use the provided CMS software (available via the download card or manufacturer's website). This software allows for comprehensive management, including live view, recording, and advanced settings. Note: This software is not compatible with MAC OS or Linux.
- **NVR Integration:** If connected to a compatible NVR, the camera's feed will be integrated into your NVR system for recording and monitoring. Adjust camera settings (like resolution) via the NVR interface or the camera's web interface if needed.
- **Motion Detection & Email Alarm:** Configure motion detection zones and email alarm settings through the app or CMS software to receive alerts when activity is detected.

NVSEE APP View

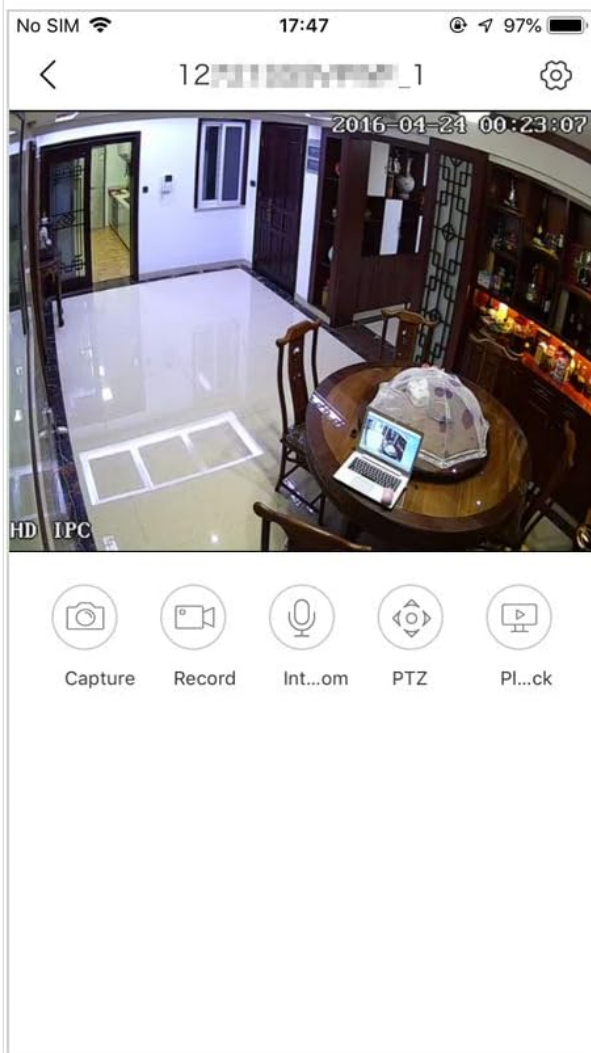


Figure 6: NVSEE App Interface for Smartphone Viewing

CMS Software View



Figure 7: CMS Software Interface for Computer Viewing

6. Maintenance

To ensure optimal performance and longevity of your camera:

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Heat Management:** It is normal for the camera's casing to feel warm during operation, especially due to its compact size. This is safe and does not indicate a malfunction.
- **Firmware Updates:** Periodically check the manufacturer's website or app for available firmware updates to improve performance and security.

7. Troubleshooting

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

- **No Power:** Ensure the DC 12V/2A power adapter is correctly connected and functioning. Verify the power outlet is active.
- **No Network Connection:** Check the Ethernet cable connection to both the camera and your router/NVR. Confirm your network is operational.
- **No Video/Poor Quality:** Verify that your NVR or viewing software supports 3MP resolution and H.265 encoding. If not, adjust the camera's settings to 1080P (2MP) and H.264. Check network bandwidth.
- **Cannot Access Camera Remotely:** Ensure the camera is properly configured on your network and that P2P services are enabled. Check your router's firewall settings.
- **Forgot Password:** This camera typically does not have an external reset button. It is crucial to remember your administrator password. If lost, contact REVOTECH support for assistance.

8. Specifications

Feature	Specification
Model	I706-3-FHW
Resolution	2304 x 1296P (3.0 Megapixels)
Sensor	FH8852+GC2053
Minimum Illumination	0.1Lux @(F1.2,AGC ON)
Frame Rate	3MP/20fps
Lens	1.7mm Fisheye Lens
Viewing Angle	170 Degrees
Lens Interface Type	M12
Shutter Speed	1/25 seconds - 1/100,000 seconds
Compression Format	H.265/H.264
Storage Options	NVR or Computer
IP Address	Dynamic (Default)/Static
Smart Alarm	Motion detection, Email alarm
Supported Protocols	ONVIF, HTTP, TCP/IP, ICMP, RTSP, RTP, RTCP, SMTP, DHCP, DNS, PPPoE, NTP
Ethernet	10M/100M mbps (RJ-45)
Operating Temperature	-25°C ~ 60°C
Operating Humidity	10% ~ 90%
Power Supply	DC12V/2A
Dimensions (cm)	5.3 x 4.5 x 4 cm
Weight	0.2 kg
Enclosure Material	Metal
Indoor/Outdoor Usage	Indoor
Waterproof Rating	IP67 (Note: Product is specified for Indoor use)

9. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. For technical support, refer to the included User Manual and Download Card for contact details or visit the official REVOTECH website for resources and assistance.

