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› REVODATA 5MP POE IP Mini Camera User Manual

REVODATA I706-3-P-TS-SD

REVODATA 5MP POE IP Mini Camera User Manual

Model: I706-3-P-SD

PRODUCT OVERVIEW

The REVODATA 5MP POE IP Mini Camera (Model I706-3-P-SD) is a compact surveillance solution featuring UltraHD 5MP (2880x1620P) resolution at 20 frames per second, ensuring clear and smooth video capture. It is equipped with a 1.7mm fisheye lens offering a wide 170-180 degree field of view, ideal for covering large areas with a single camera. This camera supports Power Over Ethernet (POE) for simplified installation, reducing cable clutter, but also includes an auxiliary power connector for traditional 12V 2A power supply. Video recordings can be stored on a micro SD card (up to 256GB, not included), NVR, or computer. The camera utilizes H.265 encoding for efficient bandwidth and storage usage and offers good compatibility with most NVR systems on the market. Smartphone and Windows PC applications are available for monitoring and configuration.

5MP Fisheye PoE IP Camera



Image: Overview of the 5MP Fisheye PoE IP Camera, illustrating its key features including 5MP HD resolution, built-in SD card slot, motion detection, 170° FOV fisheye lens, and PoE connection.

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.



Image: A visual representation of the 1.7mm Fisheye Lens, showing how its 170-degree wide view angle captures a broader area, allowing comprehensive monitoring from a single camera.

What's in the Box

- 1 x Camera
- 1 x Download Card
- 1 x Screw Set

Note: This product does not include a power unit or Micro SD Card.

Package Including:



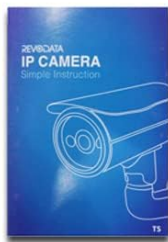
Camera



Box



Screws Set



User Manual

Note: This product do not including the power unit.

Image: Contents of the product package, including the camera, user manual, and screw set. Clearly indicates that the power unit is not included.

SETUP GUIDE

Physical Connection

The camera supports Power Over Ethernet (PoE) via its RJ45 port, allowing both power and data transmission through a single Ethernet cable when connected to a PoE-enabled switch or NVR. Alternatively, it can be powered by a conventional 12V 2A power supply using the auxiliary power connector. Ensure all connections are secure.



Image: Detailed view of the camera's physical components, including the micro SD card slot, adjustable mounting bracket, 1.7mm Fisheye Lens, camera cable, screw hole, RJ45 Port (PoE support), and Auxiliary Power Port (12V 2A).

Connecting to Browser

To access the camera's interface via a web browser, connect the camera to your network. The camera typically has a default static IP address (e.g., 192.168.0.108). You may need to temporarily adjust your computer's IP settings to be in the same subnet as the camera for initial access. Open a web browser and enter the camera's IP address. The default username is **admin** and the default password is **admin123**. It is highly recommended to change the default password immediately after the first login for security purposes. The browser interface allows for live preview, playback, configuration, and alarm settings.

Your browser does not support the video tag.

Video: This video demonstrates the process of connecting the camera to a web browser, including entering the default IP address and logging in with the default credentials (admin/admin123). It also shows navigation through the preview, playback, and configuration settings.

Connecting to Smartphone (TSEye App)

Download the "TSEye" app from your smartphone's app store. Once installed, open the app and follow the prompts to add your camera. You can search for local devices on your network or manually add the camera using its serial number or IP/domain. After adding, you will be able to view live feeds, access playback, and configure settings directly from your smartphone. Remember to

change the default password for enhanced security.

TSEye App View

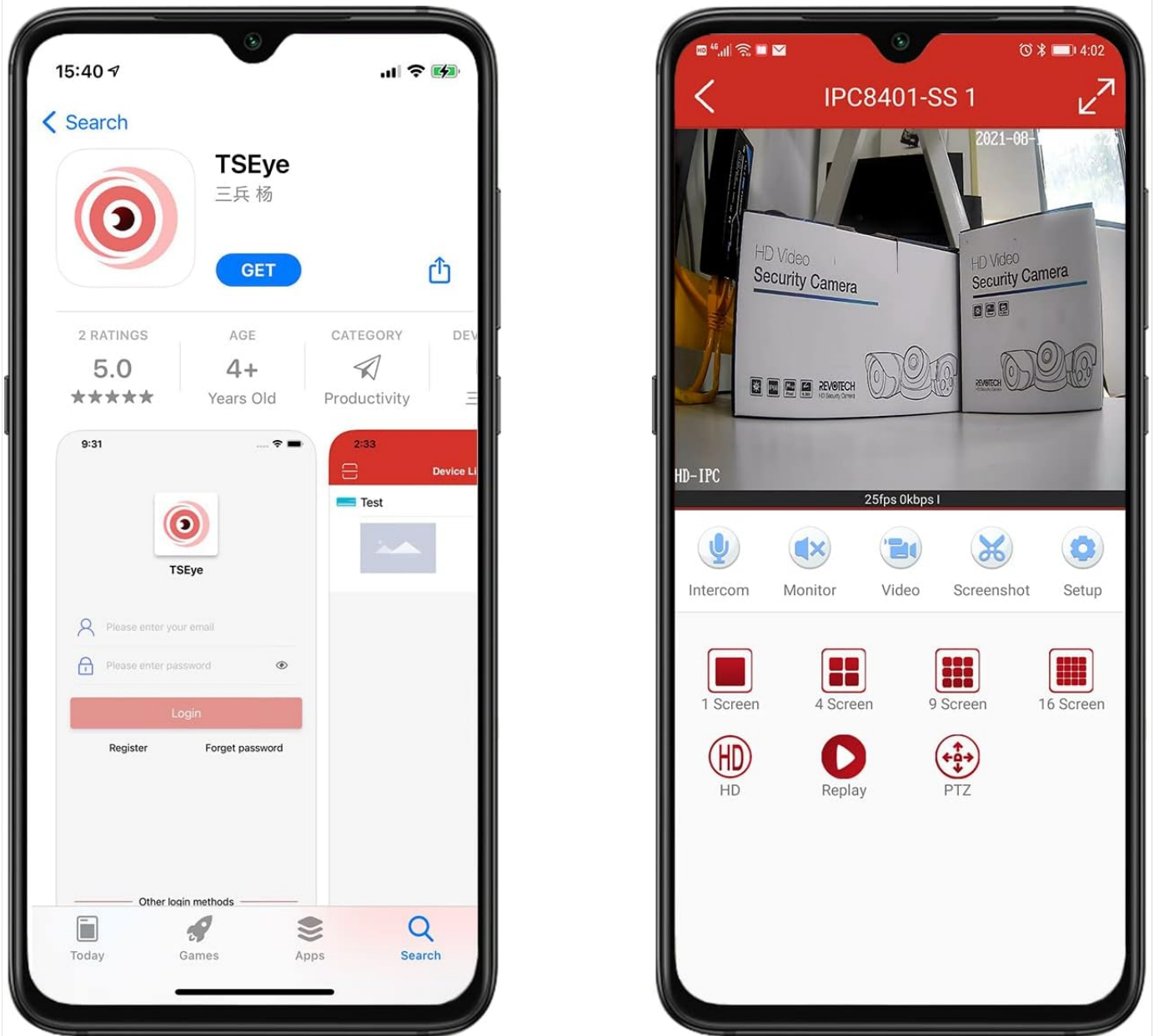


Image: Screenshots of the TSEye mobile application, showing the app icon, login screen, and the live view interface with options for intercom, monitor, video, screenshot, setup, and multi-screen viewing.

Connecting to NVR

For NVR integration, ensure your NVR supports 5MP resolution. The camera can be found and connected via Onvif protocol. If your NVR does not support 5MP, you may need to lower the camera's resolution settings through the browser interface to match your NVR's capabilities. Refer to your NVR's manual for specific steps on adding IP cameras.

VMS View

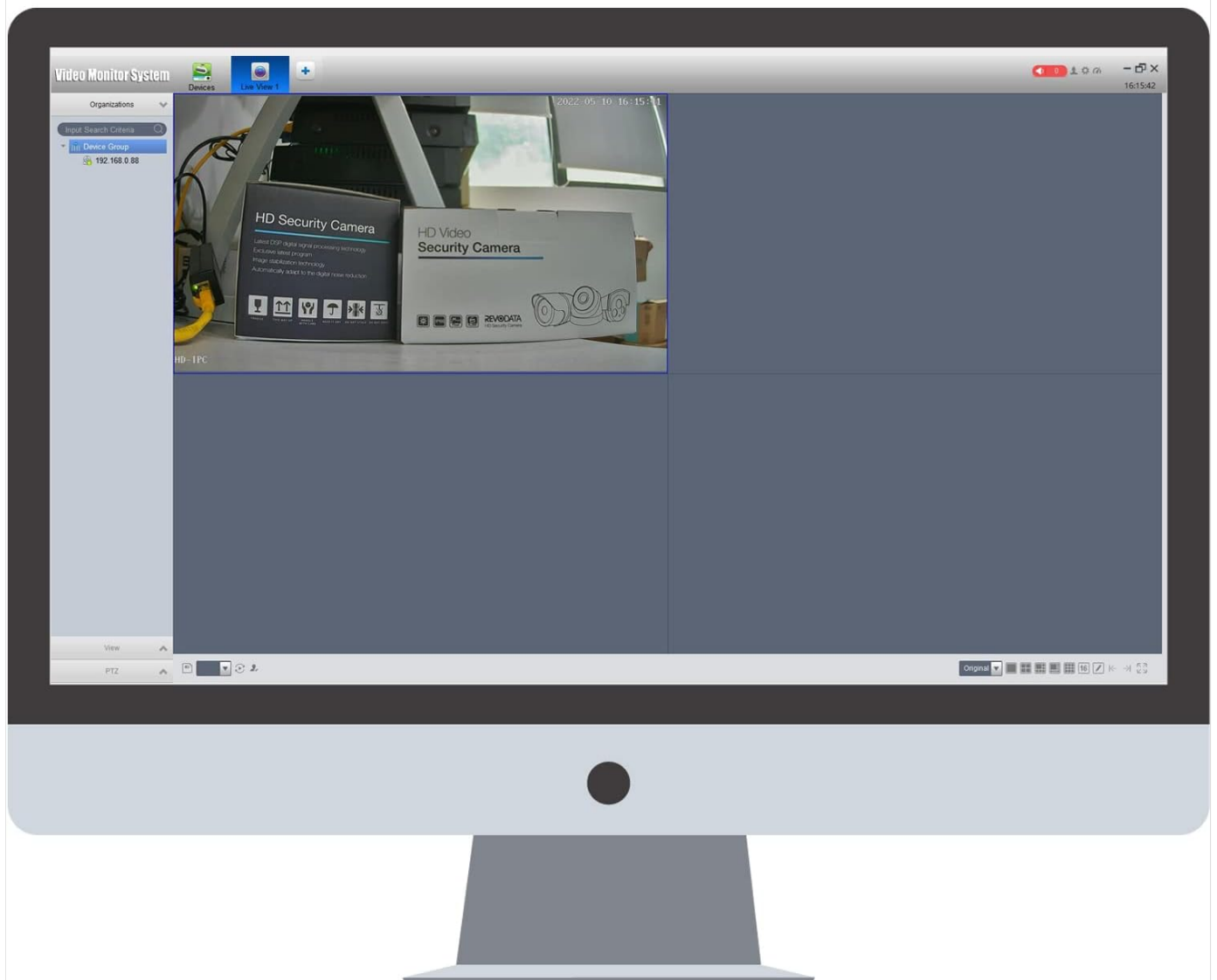


Image: A desktop monitor displaying the VMS (Video Monitor System) software interface, showing a live feed from the camera and options for managing multiple camera views.

OPERATING INSTRUCTIONS

Live View and Playback

Once connected, you can access the live video feed through the web browser interface, the TSEye smartphone app, or your NVR system. The interfaces typically provide options for viewing live streams, accessing recorded footage (playback), and taking screenshots. Ensure your storage method (SD card, NVR, or computer) is properly configured for recording.

Flexible Storage Methods

Flexibility to use an Micro SD card,
NVR or Computer to store videos.



Note: This product does not include Micro SD Card.

Image: Illustration of flexible storage methods, showing the camera with a micro SD card slot and icons indicating compatibility with NVRs or computers, and FTP for video storage.

Motion Detection and Alarms

The camera supports motion detection. You can configure alarm settings through the web interface to trigger recordings or notifications upon detecting movement. Some advanced settings may include human detection. Ensure these features are enabled and configured according to your surveillance needs.

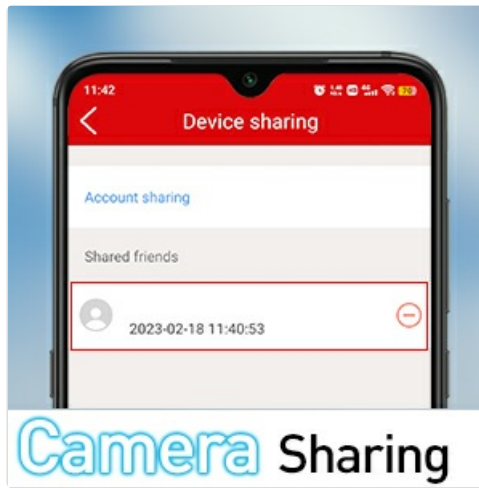


Image: An image illustrating the human detection feature, showing a child playing with bubbles with a notification center pop-up indicating a device alarm.

H.265 Encoding

The camera utilizes H.265 video encoding, which is more efficient than older H.264 standards. This means it requires less bandwidth for streaming and less storage space for recordings while maintaining the same video quality. This optimization helps in saving network resources and disk space.



Image: A comparison graphic showing the efficiency of H.265 encoding versus H.264, highlighting reduced bandwidth and storage requirements for the same quality.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Keeping the firmware updated ensures optimal performance, security, and access to new features.
- **Environmental Conditions:** Ensure the camera is operated within its specified temperature range (up to 60°C). While the camera is designed for indoor use, protect it from excessive moisture, direct sunlight, and extreme temperatures.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera not powering on.	No power supply, or incorrect power supply.	Ensure PoE is active on the network port or connect a 12V 2A power adapter (not included). Verify power source is functional.
Cannot access camera via browser.	Incorrect IP address, network configuration issues, or default password not changed.	Verify camera's IP address. Ensure your computer is on the same subnet for initial setup. Use default credentials (admin/admin123) if not changed. Check network cable connection.
Poor image quality.	Lens obstruction, incorrect resolution settings, or network bandwidth issues.	Clean the lens. Check resolution settings in the camera's configuration. Ensure sufficient network bandwidth.
NVR not detecting camera.	NVR does not support 5MP, or Onvif not enabled/configured.	Verify NVR's maximum supported resolution. If lower than 5MP, reduce camera resolution via browser. Ensure Onvif is enabled on both camera and NVR.
SD card not recording.	SD card not inserted, not formatted, or full.	Ensure SD card is properly inserted. Format the SD card via the camera's web interface. Check available storage space.

SPECIFICATIONS

Feature	Detail
Indoor/Outdoor Usage	Indoor
Compatible Devices	Desktop, Smartphone
Connectivity Protocol	Ethernet, RTSP
Controller Type	Iris
Mounting Type	Ceiling Mount
Video Capture Resolution	5 MP (2880 x 1620P)
Color	1.7mm POE I706-3-P-SD
Number of Items	1
Included Components	1 x screw set, 1 x camera, 1 x download card
Number of Channels	1
Wireless Communication Technology	Ethernet (LAN)
Effective Video Resolution	1080 Pixels (Output)
Viewing Angle	170 Degrees (Fisheye)

Feature	Detail
Upper Temperature Rating	60 Degrees Celsius
Frame Rate	20 fps
Material	Metal
Voltage	48 Volts (DC) for PoE
Wattage	8 Watt-hours
Item dimensions L x W x H	2.09 x 1.77 x 1.57 inches
Batteries Required?	No
Max Shutter Speed	1/25 seconds - 1/100,000 seconds
Alert Type	Motion Only
Room Type	Office, Garage, Living Room, Nursery, Hallway
Video Capture Format	AVI
Specific Uses For Product	Surveillance
Photo Sensor Technology	CMOS
Effective Still Resolution	5 MP
International Protection Rating	Not Waterproof
Item Weight	6.7 ounces
Date First Available	June 6, 2023
Manufacturer	REVODATA
Country of Origin	China
Recommended Uses For Product	Surveillance, Indoor Security
Model Name	I706-3-P-TS-SD
Special Feature	Frame Rate, Motion Sensor

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official REVODATA website. Support resources typically include FAQs, troubleshooting guides, and contact information for customer service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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