User Manual

Mobile Surveillance Trailers



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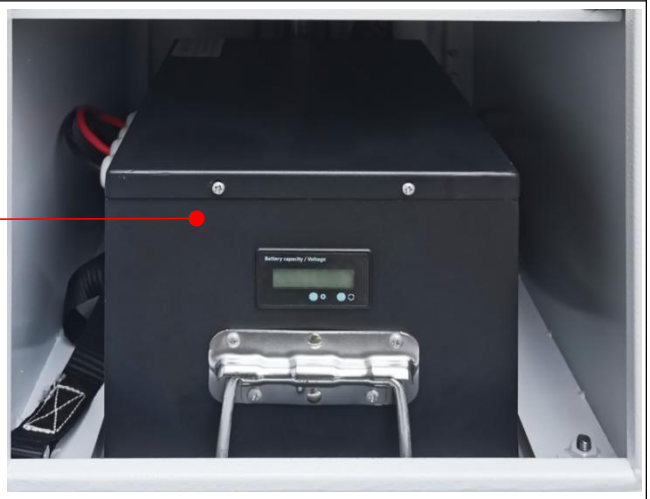
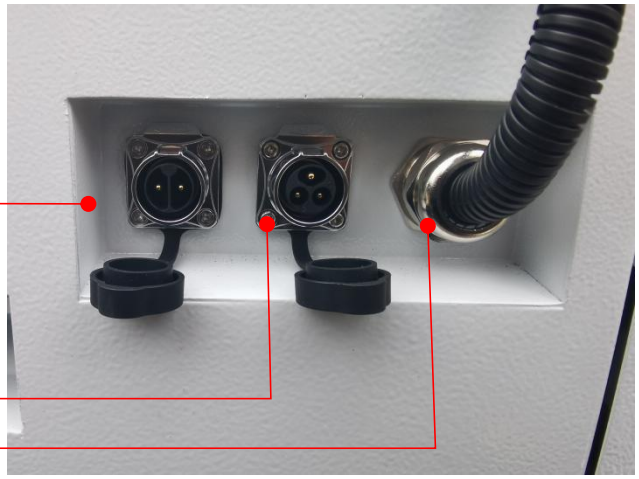
一、 Overall Device Structure Description

Description	Number	Device Diagram
[1] Telescopic Rod [2] Camera [3] Acoustic Column [4] Antenna [5] Embedded Handle [6] Control Compartment [7] Telescopic Compartment [8] Swivel Wheel	[1] [2] [3] [4] [5] [6] [7] [8]	

二、 Internal Box Overview

Description	Number	Internal Diagram
[1] Power Level Display [2] Charging Indicator [3] Main Power Switch [4] Network Port	[1] [2] [3] [4]	
[5] Battery	[5]	
[6] Solar Power Interface [7] Mains Power Interface [8] Antenna and Acoustic Column Cable Entry	[6] [7] [8]	

三、 Manual Rod Elevation Operation Instructions

(1) Elevation Rod Operation Instructions

1. Loosen the lock of the uppermost section of the Telescopic Rod, pull the upper section of the Telescopic Rod upward by hand to its highest position, then secure the lock, as shown in Figure 3-1.



Figure 3-1 Diagram of Elevation Rod Operation

2. Repeat the above steps until the Telescopic Rod is fully extended, as shown in Figure 3-2 below.



Figure 3-2 Fully Extended Telescopic Rod

（二）Lowering Rod Operation Instructions

Loosen the Telescopic Rod lock; the gas rod will automatically lower. Grasp the Telescopic Rod with one hand and pull downward to accelerate the descent. Lower it to the lowest position and secure the lock. Repeat the above steps to fully retract the telescopic rod, as shown in Figure 3-3.



Figure 3-3 Device Retraction Diagram

[Caution] Do not stand under the camera when lowering the rod to avoid injury.

（三）Quick Detachment of Manual Rod

[Caution] Ensure the device is completely powered off and the manual rod is fully retracted before operation.

[Tools Used] M8 Hex Key Screwdriver

1. Use the M8 Hex Key Screwdriver to remove the three fixing screws.



Figure 3-4 Diagram of Screw Removal with M8 Hex Key Screwdriver

2. Open the battery compartment door → unplug the network cable port and power connector → manually unscrew the two base fixing screws.



Figure 3-5 Network Cable Port and Power Cable Port Disconnection Diagram



Figure 3-6 Manual Rod Base Screw Removal Completed Diagram

3. Rotate the manual rod; if it rotates, removal is successful. The manual rod can be removed vertically upward.

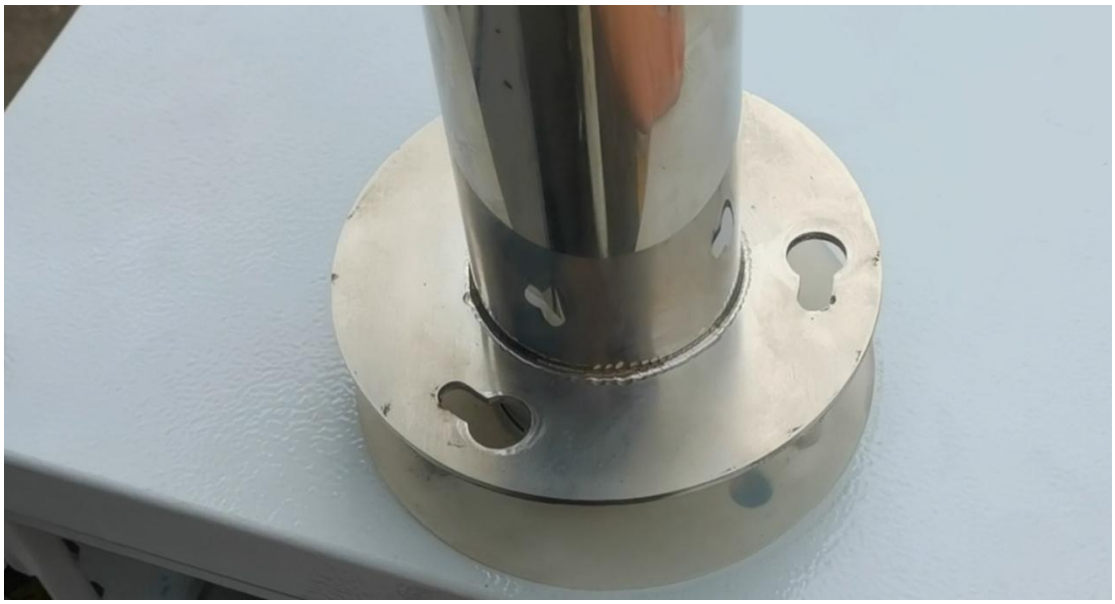


Figure 3-7 Manual Rod Removal Completed Diagram

（四） Manual Rod Installation

[Caution] Ensure the device is completely powered off and the manual rod is fully retracted before operation.

[Tools Used] M8 Hex Key Screwdriver

1. Open the battery compartment door → vertically insert the manual rod → rotate to align the holes and align the bottom with the cylindrical hole.



Figure 3-8 Manual Rod Insertion Hole Alignment Diagram

2. Use the M8 Hex Key Screwdriver to install three fixing screws and manually install two base fixing screws on the manual rod.



Figure 3-9 Diagram of M8 Hex Key Screwdriver Installing Screws

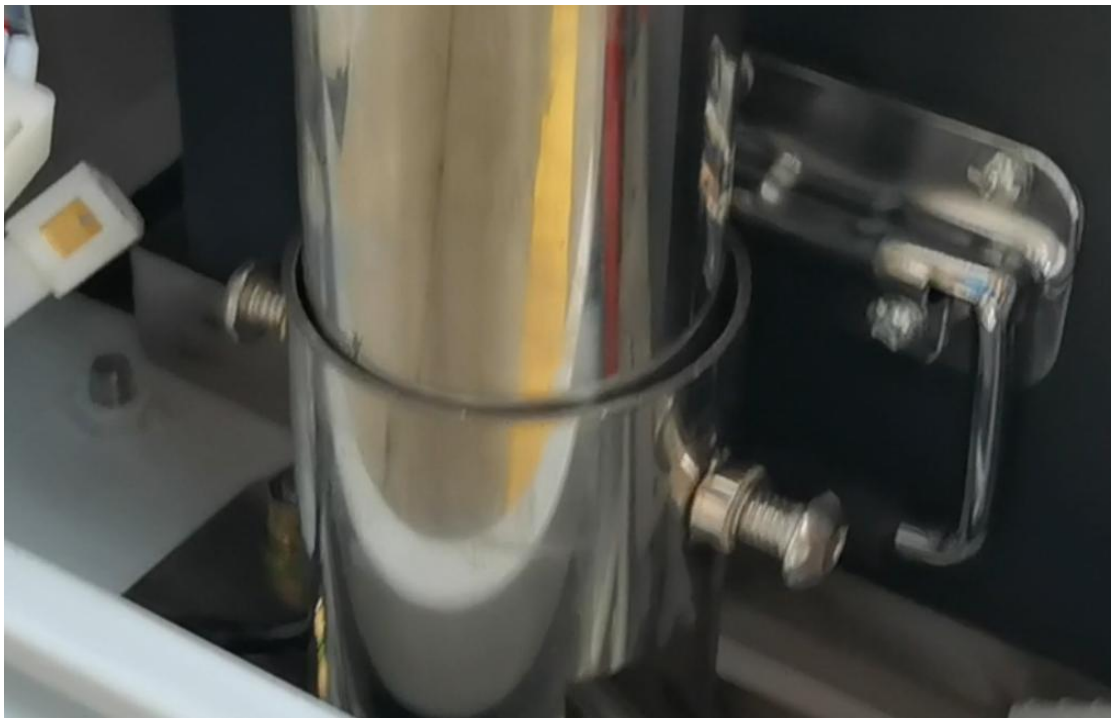


Figure 3-10 Diagram of Manual Rod Bottom Screw Installation Completion

3. Connect the network cable port and power connector to complete the installation.



Figure 3-11 Diagram of Manual Network Cable Port and Power Cable Connection Completion

四、 Device Power On/Off Instructions

（一）Power-On Operation Instructions

1. Open the compartment door and press the power switch to turn on the device.
2. Close the compartment door, turn the key to lock, then remove the key.





（二） Power-Off Operation Instructions

3. Open the compartment door, disconnect the power switch, and the device will power off.
4. Close the compartment door, turn the key to lock, then remove the key.

五、 Device Charging Instructions

（一） Mains Charging

Battery level and voltage status can be viewed via the battery display screen. Please charge promptly when the battery voltage drops below 9.3V to avoid shortening battery lifespan.

1. Remove the Charging Cable from the device storage, as shown in Figure 5-1.



Figure 5-1 Mains Power Charging Cable

2. Connect the blue end of the Charging Cable to the device charging port, as shown in Figure 5-2.



Figure 5-2 Power Adapter Charging Diagram

3. Connect the other end of the Charging Cable to AC220V. During charging, the indicator light will display red, as shown in Figure 8-4. When fully charged, the indicator light will turn green, as shown in Figure 5-5.





Figure 5-4 Charging indicator red light indicates charging in progress **Figure 5-5 Charging indicator green light indicates fully charged**

4. After charging is complete, first disconnect the charging cable from the mains power supply, then disconnect the charging cable from the battery charging port.
5. Close the waterproof protective cover of the charging aviation connector.

（二）Solar Panel Charging

When using solar charging, the operation steps are as follows:

1. Unfold the solar panel, orient it toward the sun, and extend the back panel support as shown in the figure below;



Figure 5- 6 Solar Panel Unfolded Status



Figure 5- 7 Back Panel Support Extended Status

2. Take out the solar panel charger and insert it into the device’s corresponding solar charging port as shown in the figure below ;



Figure 5-8 Solar Panel Charger Charging Status

（三）Battery Quick-Release Charging

[Notice] Before disassembling the battery, ensure the device is completely powered off.

1. Open the battery compartment back panel and unplug the connectors for the battery charging port and discharging port.

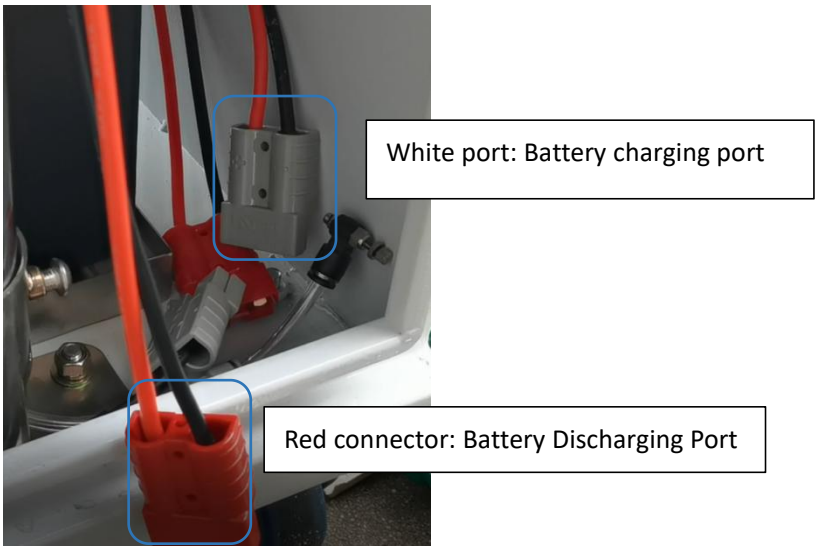


Figure 5-9 Battery Discharging Port and Charging Port in 'Disconnected' State

2. Release the battery fixing latch strap.

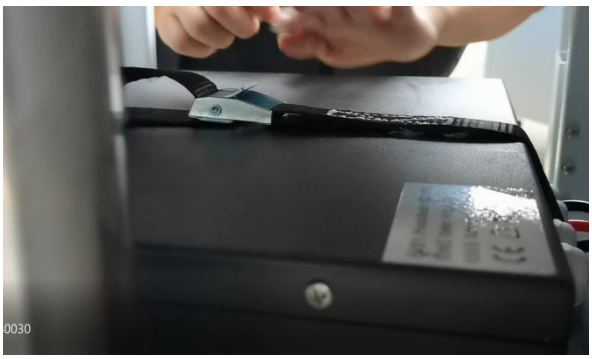


Figure 5-10 Battery Fixing Latch Strap in 'Fixed' State

3. Firmly hold the battery handle and slowly pull out the battery for charging (The battery has significant weight; handle carefully to avoid injury).



Figure 5-11 Battery 'Unfixed' State

六、 Swivel Wheel Operating Instructions

[Caution] For safety, the telescopic rod must be lowered before moving the device.

1、The device is equipped with two directional wheels and two swivel wheels. For short-distance movement, the device can be pushed using the swivel wheels, as illustrated in Figure 6-1.



Figure 6-1 Swivel Wheel in Movable State

2、To park the device, step on the brake plate located on the swivel wheels to secure the device, as shown in Figure 6-2. To move the device, lift the brake plate, hold the handlebar, and push the device.



Figure 6-2 Swivel Wheel Brake Status

七、 Installation of Camera SIM Card and Memory Card

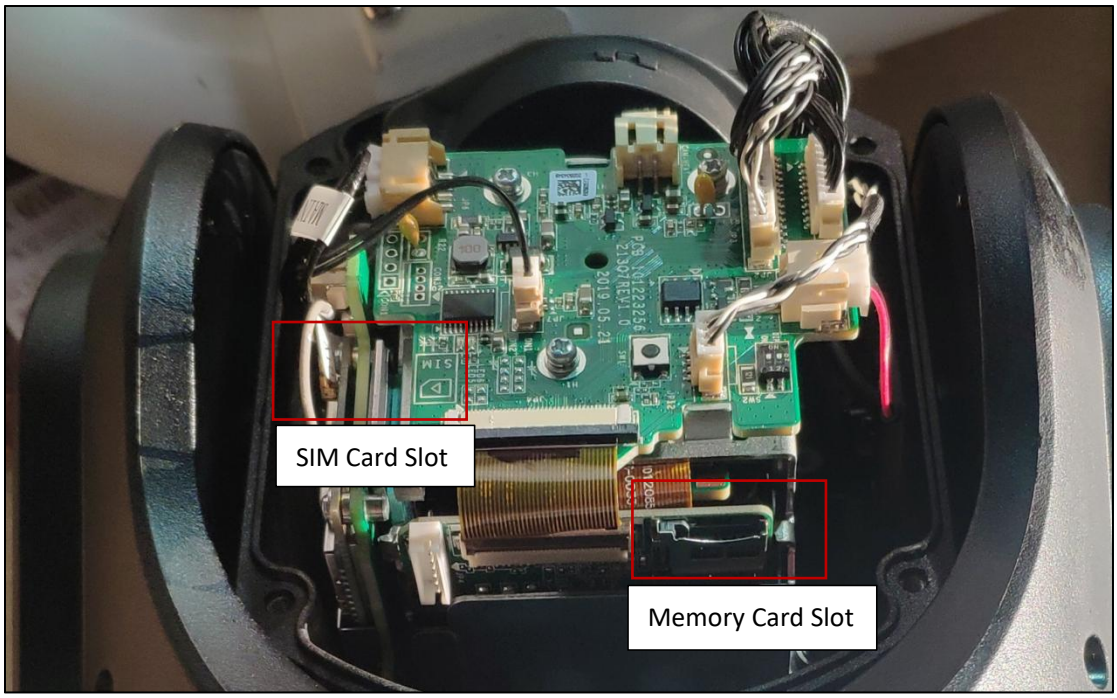
To ensure the safety and convenience of device transportation, the camera is removed during transport. When using the device, the SIM card and memory card must be installed. The specific installation steps are as follows:

1、Use a Phillips screwdriver to remove the four screws on the camera cover, then take off the cover.





2、Insert the SIM card and memory card into their respective slots according to the camera's marked positions and the card insertion directions.



3. Replace the cover and tighten the screws.

八、 Method for Adding Devices to Ezviz Cloud

Devices can be added via either Ezviz Cloud or Hikvision Interconnection, allowing selection based on user preference. The addition methods are similar; here, only the Ezviz Cloud method will be explained.

(1) PC Client Operation Instructions

1. Download and install the PC Client.

2. Double-click the Ezviz Cloud icon on the desktop to open the Ezviz Cloud PC Client.

3. Register and log in to the Ezviz Cloud PC Client (this account can be used across mobile or other platforms).

4. Bind the device: Select Add at the bottom left of the Client. You may choose either LAN scan or serial number addition. Follow the prompts to complete the operation, as shown in Figure 8-1.



Figure 8-1 Adding a device in the Ezviz Cloud PC Client

(2) Mobile App Operation Instructions

1. Download the APP
Scan the QR code using WeChat
Search for 'Ezviz Cloud Video' in the app store.

2. Register and log in to Ezviz Cloud (this account can be shared with accounts previously registered on the phone or other mobile devices).

1、 Bind Device: Click Add Device at the top right corner of the client, then select Scan/Add Device, as shown in Figure 8-2. - You can add the device by scanning the code (on the device label) or manually entering the PT camera serial number. Follow the system prompts to complete the device addition.



Figure 8-2 Adding a Device in the Ezviz Cloud APP

[Attached Device Management Account and Password]

Device information and account password labels are affixed to the device operating compartment door.

1. Mobile Video Surveillance

Camera

PTZ Camera IP	192.168.1.64
Login Username	admin
Password	ylh888888
Hikvision Serial Number	FF3055935
Encrypted Password	ylh888888

[Note] Hikvision Security Questions Default:
What is your favorite book?
What is your favorite color?
What is your favorite movie?
All default answers are: 1.