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LTS Security VSIP7552FW Network Fisheye Cameras User Guide

Contents

LTS Security VSIP7552FW Network Fisheye Cameras

Product Information

The Network Fisheye Cameras are advanced surveillance cameras designed for capturing wide-angle panoramic views. The cameras provide high-quality video footage and are suitable for various indoor and outdoor environments. It is important to follow the safety and compliance instructions provided in the user manual to ensure proper installation and operation of the cameras.

Safety Instructions

- Installation and removal of the unit and its accessories should be done by qualified personnel.
- Read all safety instructions carefully before installation and operation.

Installation

- This device is classified as a Class A product and may cause radio interference. Take necessary measures if interference occurs.
- Purchase recommended accessories for your installation.
- Ensure that the camera operates within the specified temperature and humidity range. Protect it from excessive pressure, vibration, moisture, dust, and electromagnetic radiation.
- Use a power adapter or a Power over Ethernet (PoE) device that meets the requirements to prevent damage to the camera.
- Avoid using excessively long power cables as they may lower the camera's voltage, leading to abnormal camera operation. If needed, lengthen the cable between the power adapter and the mains.
- Do not hold the tail cable by hand for weight bearing, as it may loosen the cable connector of the camera.
- When connecting to an external interface, use a connection terminal in good condition. Ensure that the cable is not tense during mounting to avoid poor port contact or loosening due to shock or shake.
- Protect the connectors of the tail cable from exposure. Seal the bar cavity, waterproof box, corrugated pipe, or PVC pipe to prevent water damage.

Maintenance

- **Caution:** Risk of explosion if the battery is replaced with an incorrect type. Dispose of used batteries according to the instructions.
- If there is dust on the transparent dome cover, gently remove it using an oil-free brush or a rubber dust-blowing ball.
- If there is grease or a dust stain on the transparent dome cover, clean it gently from the center outward using a lens cleaning cloth. If the grease or stain persists, use a lens cleaning cloth dipped with detergent to remove it.
- Avoid using organic solvents like benzene or ethanol when cleaning the transparent dome cover.
- Ensure that the lens cleaning cloth itself is clean before use.
- Avoid looking at the transmitted laser while the power is on. Do not directly look at the fiber ports and fiber cable ends when they are powered on to prevent any harm.
- Only use controls and adjustments specified in the user manual. Using other procedures may result in hazardous laser emissions.

Regulatory Compliance

FCC Statements:
This device complies with Part 15 of the FCC Rules. It should not cause harmful interference and must accept any interference received, including undesired operation. Any changes or modifications not approved by the responsible party may void the user's authority to operate the equipment.

Safety and Compliance Information

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the Safety Instructions supplied with your equipment before installation and operation.

Installation

- This device is a class A product and may cause radio interference. Take measures if necessary.
- Please purchase the recommended accessories for your installation.
- Make sure the camera operates in an environment where the temperature and humidity meet requirements. Keep the camera from excessive pressure, vibration, moisture, dust, and intensive electromagnetic radiation.
- Use a power adapter or a PoE device that meets the requirements. Otherwise, the device may be damaged.
- Make sure the length of the power cable between the power adapter and the camera is not too long, otherwise, the voltage of the camera is lowered, causing the camera to work abnormally. If it is required to lengthen the power cable, lengthen the cable between the power adapter and the mains.
- Do not hold the tail cable by hand for weight bearing. Otherwise, the cable connector of the camera could be loosened.
- When connecting to an external interface, use an existing connection terminal, and ensure that the cable terminal (latch or clamp) is in good condition and properly fastened. Ensure that the cable is not tense during mounting, with a proper margin reserved to avoid poor port contact or loosening caused by shock or shake.
- The connectors of the tail cable must not be exposed. The bar cavity, waterproof box, corrugated pipe, and PVC pipe must be fully sealed to protect the connectors from water. The waterproof components for the RJ45 plug must be used properly to protect the network cable from water.
- If a wall mount or ceiling mount is adopted for the camera, make sure the wall or ceiling can bare the weight of the camera.

- During the process of transportation, special attention is required for the protection of the transparent dome cover to prevent friction, scratch, contamination, etc. In order to keep the cover clean, do not remove the protective film on the cover during mounting. After mounting is finished, remove the film before the device is powered on.
- Contact professionals for maintenance information. Do not attempt to dismantle the device by yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

Maintenance

- **Caution:** There will be a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- If there is dust on the transparent dome cover, remove the dust gently using an oil-free brush or a rubber dust-blowing ball.
- If there is grease or a dust stain on the transparent dome cover, clean the cover gently from the center outward using a lens cleaning cloth. If the grease or the stain still cannot be removed, use a lens cleaning cloth dipped in detergent and clean the dome cover gently until it is removed.
- Do not use organic solvents, such as benzene or ethanol when cleaning the transparent dome cover.
- Make sure the lens cleaning cloth is clean itself.
- Never look at the transmitted laser while the power is on. Never look directly at the fiber ports and the fiber cable ends when they are powered on.
- Use of controls or adjustments to the performance or procedures other than those specified herein may result in hazardous laser emissions.

Class 1
LASER PRODUCT

Regulatory Compliance

FCC statements
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:
The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive

This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive–2012/19/EU
The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Directive-2013/56/EC
The battery in the product complies with the European Battery Directive 2013/56/EC. For proper recycling, return the battery to your supplier or to a designated collection point.

Default IP, Username and Password

- **Default IP address:** 192.168.1.13
- **Default username:** admin

The default password is used for your first login. To ensure account security, please change the password after your first login. You are recommended to set a strong password (no less than eight characters).

Packing List

Contact your local dealer if the package is damaged or incomplete. The attachments may vary with models, please see the actual model for details.

Item	Quantity
Camera	1

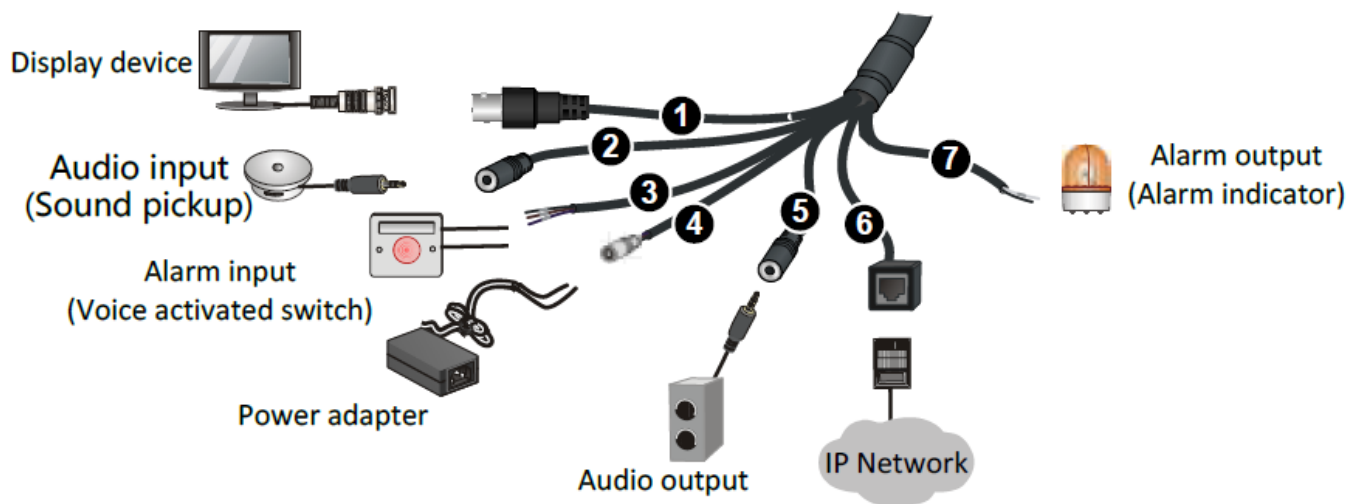|	
User document	1
Accessory pack	1

Appearance

Dimensions
The figures in the manual are for your reference only. The actual appearance may vary with the product model.
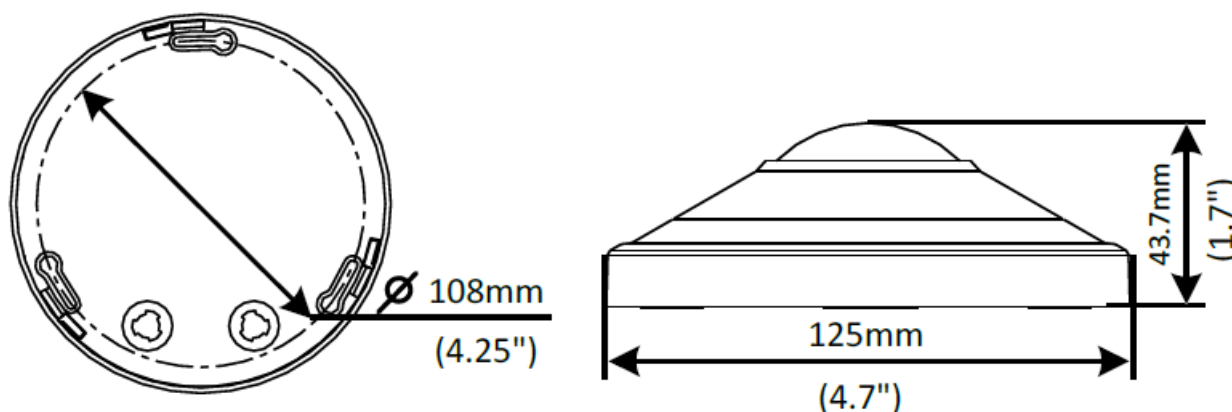
Cable Connection
All cables are tagged to indicate their functions separately. You can connect cables by referring to the following figure. The appearance and tail cable may vary with device model.

- Display device
- Audio input (Sound pickup)
- Alarm input (Voice activated switch)
- Power adapter
- Audio output
- IP Network
- Alarm output (Alarm indicator)
- ① ② ③ ④ ⑤ ⑥ ⑦

For specifications, see the latest product datasheets.

Mount Your Camera

Ceiling Mount

You can adapt the ceiling mount. The hardware accessories should be purchased separately. When mounting the camera on the ceiling, ensure that the ceiling can bear the weight of the camera. The following figures are only for your reference only.

1. Locate the holes, drill holes on the ceiling, and then mount the plastic rivets.
2. Remove the housing.

Rotate in the open direction
to remove the housing.
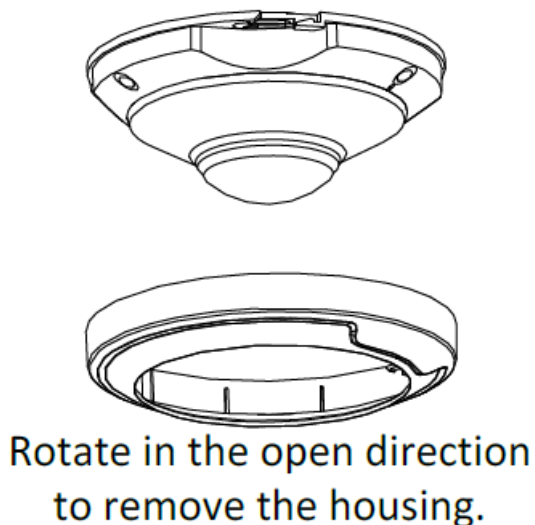
3. (Optional) Insert the Micro SD card.

Drill holes according
to the drill template.
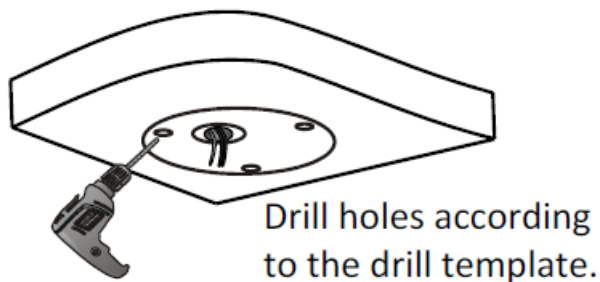
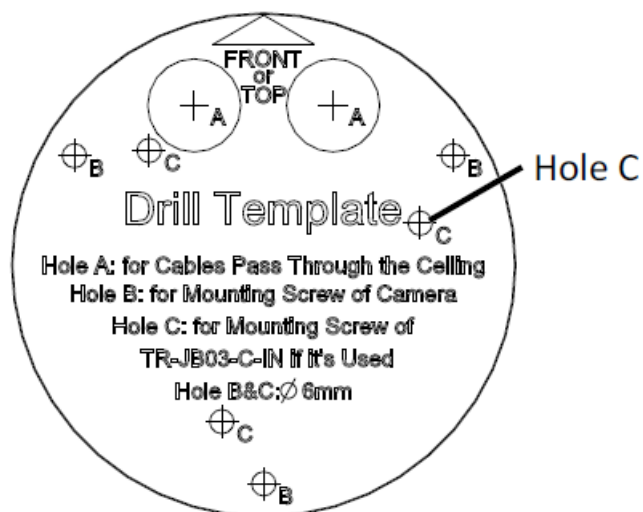4. Fix the camera on the ceiling and replace the housing.
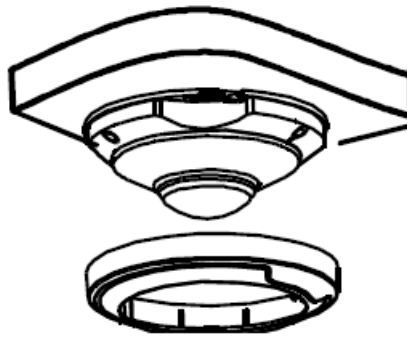
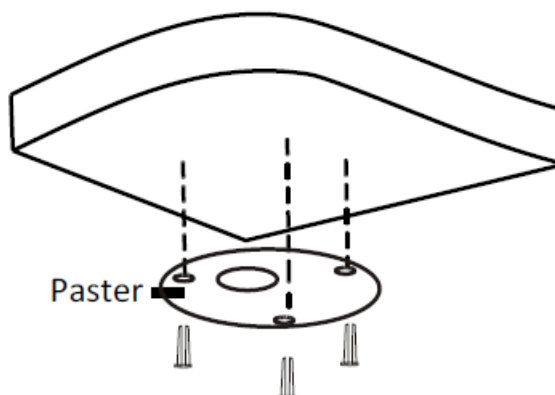Remove the card cover, insert the Micro SD card into the slot and then replace the cover.
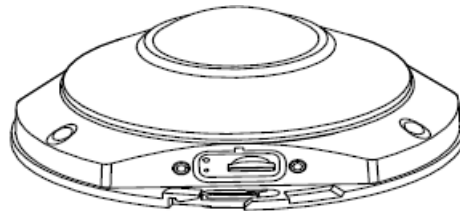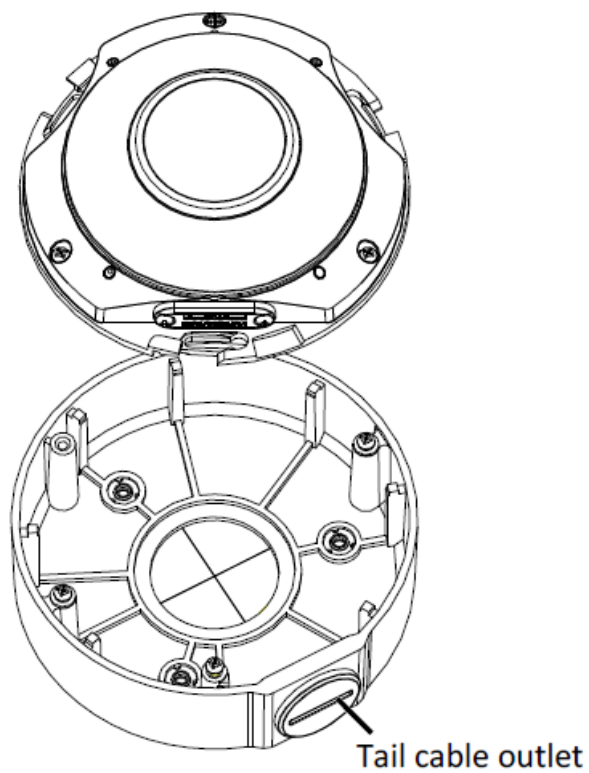

Box mount

1. The paster.
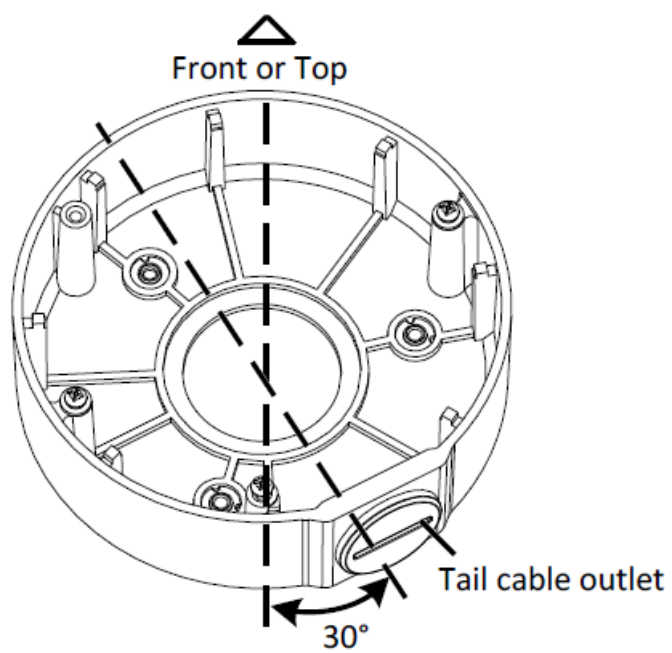

2. Drill holes with a paster and use hole C.
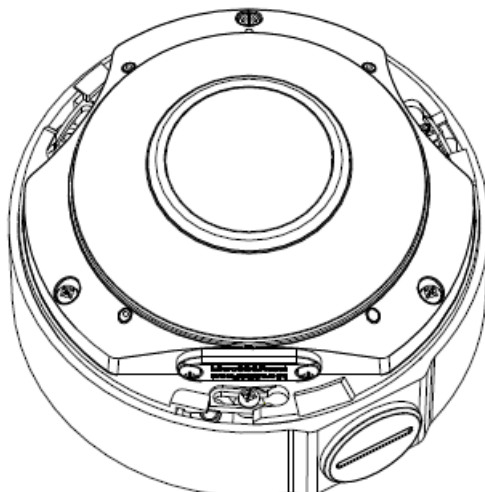

Mount the poster and locate the holes

3. Mount the junction box.

4. Load the device in the junction box. Tail cable of the device is drawn from the outlet of the junction box.

Tail cable outlet

- The tail cable outlet of the junction box is inclined to be tilted 30° in a vertical direction.
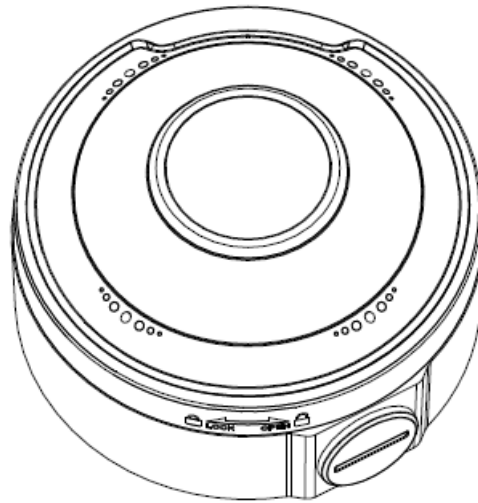

Front or Top

Tail cable outlet

30°

5. Fix the device.

6. Finish.

Do not hot-plug the Micro SD card after it is inserted. Otherwise, the camera or the SD card might be damaged. Contact your dealer for the recommended specifications of the Micro SD card.

Reset Camera to Default Settings
Remove the housing and the Micro SD card cover first. Use a toothpick or clip to press and hold the RST button (as shown in the figure below) for about 15 seconds till the PWR indicator turns red. The RST button only works within ten minutes after the camera is powered on. Then the camera is restored to the default settings after the startup.
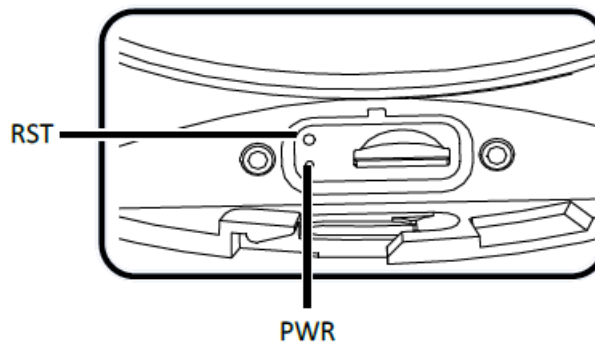
Waterproof Components for an RJ45 Plug
Attach the seal ring to the Ethernet interface. Mount the waterproof components in order. Then insert the cable into the Ethernet interface and screw the waterproof bolt in.
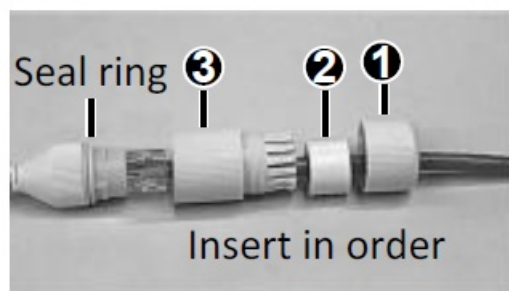
You can crimp the inner wires of the cable with the RJ45 plug first and then cover the waterproof components. You may also cover the waterproof components first.

Access Your Camera

Before you begin, check that:

- Your camera is operating properly and connected to the network.
- The PC you are using is installed with Internet Explorer 7.0 or later.

Follow these steps to access your camera through the Web:

1. Open your browser, input the IP address of your camera in the address bar, and then press Enter to open the login page.
2. Enter the username and password and then click Login.

- Install the ActiveX at your first login. When the installation of the ActiveX is completed, open your IE to log in.
- For your first login with Windows 7, if the system does not prompt you to install ActiveX, follow these steps to turn off UAC: click the Start button, and then click Control Panel. In the search box, type UAC, and then click Change User Account Control Settings. Move the slider to the Never Notify position, and then click OK. After UAC is turned off, log in again.
- If the installation failed, open the Internet Option in IE before login. Click the Security tab, click Trusted Sites, and then click Sites to add the website. If you use Windows 7, you need to save the setup.exe to your PC first, then right-click the file, select Run as administrator, and then install it according to the instructions.

Documents / Resources

Network Fisheye Cameras Quick Guide	**LTS Security VSIP7552FW Network Fisheye Cameras** [pdf] User Guide VSIP7552FW Network Fisheye Cameras, VSIP7552FW, Network Fisheye Cameras, Fisheye Cameras, Cameras