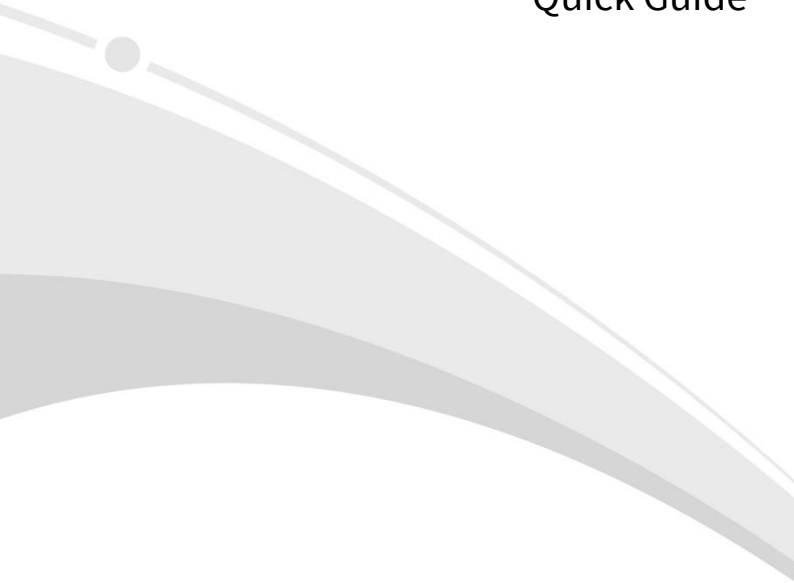


Intelligent Traffic Camera Quick Guide

A decorative graphic on the left side of the page. It features a grey circle at the top left, with a thin grey line extending from it towards the right. Below this line are two overlapping curved bands: a lighter grey band on top and a darker grey band on the bottom, both curving downwards and to the right.

V1.00

1 Packing List

The package contents may vary with device model.

No.	Name	Qty	Unit
1	Camera	1	PCS
2*	Mount accessories ⁽¹⁾	1	Set
3	Product documents	1	Set
4	Extended visor	1	PCS

Remarks: * means optional and supplied with certain models only.

(1) Including one or more items from screws, corrugated pipe, etc.

2 Precautions

2.1 Installation and Usage Precautions

- Avoid dropping objects onto the device or subjecting it to strong vibrations. Keep the device away from areas with magnetic interference. Avoid installing the device in places prone to surface vibrations or impacts (ignoring this may damage the device).
- Do not use the product in extremely hot, cold, dusty, corrosive, high-salt, or high-humidity environments. Refer to the product datasheet for specific temperature and humidity requirements.

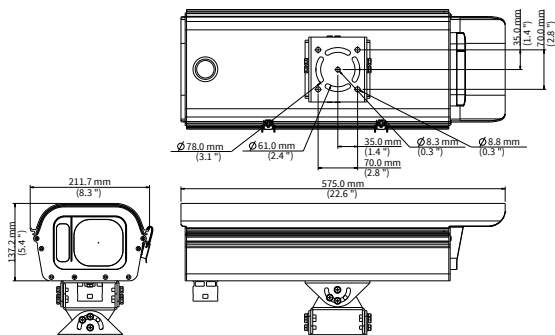
2.2 Routine Maintenance Precautions

- The front face should be free of stains. If it is lightly dusted, use a soft brush without oil to gently brush off the dust or blow it off with a blower.
- If the front face is contaminated with grease or dust stains, use anti-static gloves or an oil-free cloth to gently wipe from the center outwards. If the stains cannot be removed, moisten the gloves or cloth with household detergent and gently wipe from the center outwards until clean.
- The use of organic solvents (such as benzene, alcohol, etc.) to remove dust or clean the front face is prohibited.

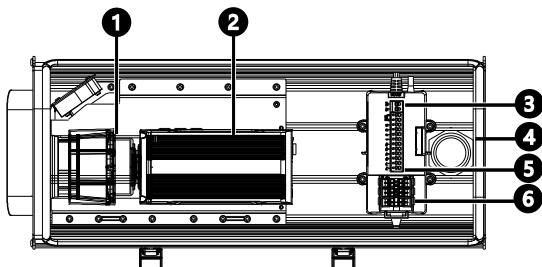
3 Product Overview

This manual is applicable to multiple device models. The actual appearance and interfaces may vary with device model.

3.1 Dimensions

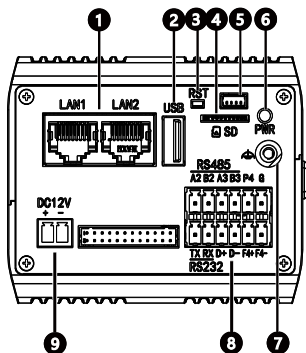


3.2 Interior View



① Lens	② Camera	③ DC 12V output
④ Corrugated pipe connector	⑤ I/O connector	⑥ Power interface, AC 220V±20%

3.3 Rear View



- ① Network interface
- ② USB 2.0
- ③ Reset button
- ④ Micro SD card slot
- ⑤ Interface for test and maintenance
- ⑥ Power status indicator light
- ⑦ Grounding screw
- ⑧ Grounding terminal
- ⑨ DC 12V power interface

3.4 Side View

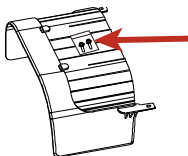
The side interfaces may vary with device model.

Type	Function
 IRIS	Used for iris control.
 ZOOM	Used for zoom control.
 FOCUS	Used for focus control.

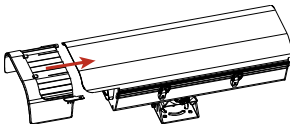
4 Device Installation

4.1 Install the Extended Visor

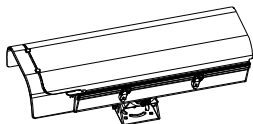
1. Remove the screws from the visor.



2. Align the visor closely beneath the housing, then push it horizontally in the indicated direction until it clicks into place with the housing.

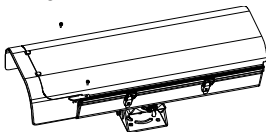


1

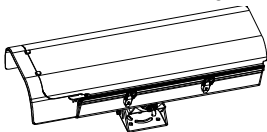


2

3. Tighten the screws on both sides of the visor to secure it to the housing.



1



2

4.2 (Optional) Install the SD Card

You need to install a Micro SD card (user-supplied) in order to use the local storage function.

Open the housing, insert the Micro SD card into the Micro SD card slot, following the direction indicated on the slot label.



NOTE!

Only certain models support Micro SD cards. For recommended Micro SD card specifications, please consult our sales or technical support personnel.



CAUTION!

Do not insert or remove the SD card during the device power-up process, as this may cause data loss or SD card damage.

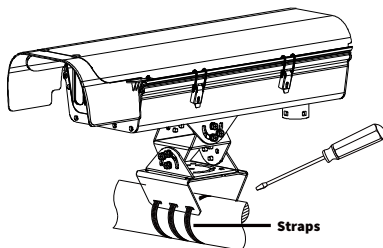
4.3 Install the Device to Pole



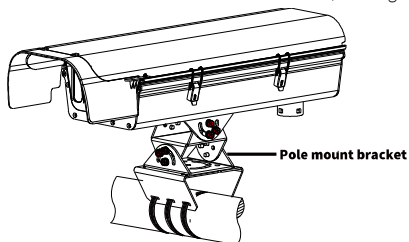
NOTE!

- The straps must be purchased separately.
 - Before installing the device onto the pole, ensure that the side latches are properly secured to prevent them from loosening or the housing from opening during installation.
-

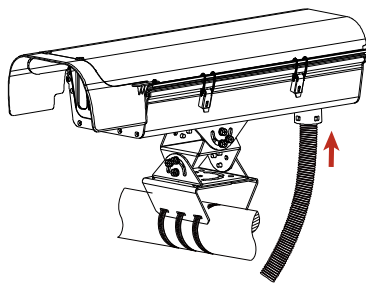
1. Pass the straps through the bottom holes of the universal pole mount bracket and secure it around the pole. Use a screwdriver to turn the fixing screw to tighten the straps to the appropriate size.



2. Loosen the screws around the pole mount bracket, adjust the bracket angle so that the device faces the detection area, then tighten the screws.



4.4 Connect the Corrugated Pipe



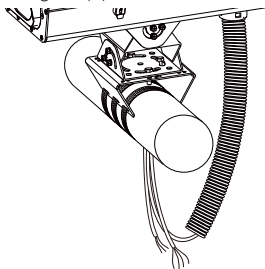
4.5 Connect the Cables



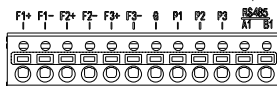
NOTE!

- The cable connections between the internal modules of the device have been completed at the factory. You only need to connect the externally introduced cables to the corresponding internal interfaces.
- The cables connected to the inside of the device should not be too long.

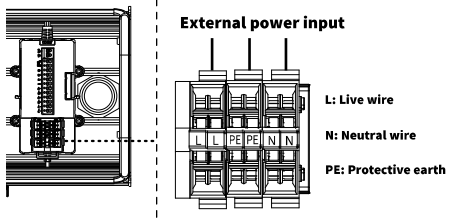
1. Open the housing.
2. Pass the external cables through the hole at the bottom of the pole, then use the corrugated pipe to route them into the device.



3. (Optional) Connect the peripheral devices. Press the button on the I/O terminal and insert the wires from the peripheral devices.



4. Connect the network cable and power cable.
 - (1) Connect one end of the network cable to the network interface on the rear panel of the camera, and the other end to the network.
 - (2) Use auxiliary installation tools (such as a small screwdriver) to press the square hole near the letters, then insert the power cable into the square hole.



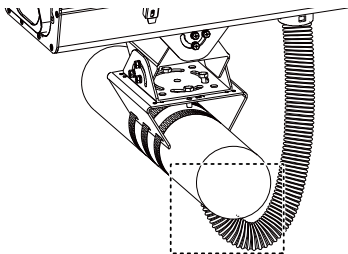
NOTE!

The device and the external illuminator should use separate power supplies to avoid interference.

5. Close the housing, secure the side latches, and then tighten the small screws provided with the device into the screw holes of the latches to fix them and prevent loosening.

4.6 Fix the Corrugated Pipe

Secure the corrugated pipe to the hole at the bottom of the pole and apply a sealing treatment to prevent rainwater and dust from entering.



5 Device Startup

Check that the installation is completed properly, and then connect the power to start the device.

6 Web Login

Default IP

192.168.1.13

Default

Username/password

admin / 123456

NOTE:

The default password is intended only for your first login. To ensure security, please change the password immediately after your first login. You are strongly recommended to set a strong password of at least nine characters including all three elements: digits, letters and special characters. Please change the password regularly and keep it properly to ensure that only authorized users can access the device.

7 FAQ

1 How to change the IP address?

Log in to the camera and then go to **Setup** > **Network** to change the IP address.

2 How to restore the camera to its factory default settings?

Please prepare a thin, hard object such as a toothpick or paperclip. Within 10 minutes of powering on the camera (after 10 minutes it will be ineffective), press and hold the RST button at the back of the camera for about 15 seconds until the PWR light turns red, then release the button. The camera will restart, and after the restart, it will be restored to its factory default settings.

3 Failed to install the plug-in?

Before you log in, follow the steps to add the camera's IP to the trusted sites in your IE: Click **Tool** > **Internet Options** > **Security**. Click **Trusted sites**, click **Sites**, and then add the camera's IP address. If you are using Win 7, you also need to save the setup.exe to your computer first, and then right-click the file and select **Run as administrator**.

4 No live videos after first login?

Please turn off the firewall on your computer and then log in again.

Disclaimer and Safety Warnings

Copyright Statement

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EU Authorised Representative

UNV Technology EUROPE B.V. Treubstraat 1, 2288 EG, Rijswijk, Netherlands.

If you have any feedback, please contact us at service@uniview.com.

Privacy Protection Reminder

Uniview complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

About This Manual

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions, features, etc, of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.

- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Uniview reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.

Disclaimer of Liability

- To the extent allowed by applicable law, in no event will Uniview be liable for any special, incidental, indirect, consequential damages, nor for any loss of profits, data, and documents.
- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. Uniview strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal information. Uniview disclaims any liability related thereto but will readily provide necessary security related support.
- To the extent not prohibited by applicable law, in no event will Uniview and its employees, licensors, subsidiary, affiliates be liable for results arising out of using or inability to use the product or service, including, not limited to, loss of profits and any other commercial damages or losses, loss of data, procurement of substitute goods or services; property damage, personal injury, business interruption, loss of business information, or any special, direct, indirect, incidental, consequential, pecuniary, coverage, exemplary, subsidiary losses, however caused and on any theory of liability, whether in contract, strict liability or tort (including negligence or otherwise) in any way out of the use of the product, even if Uniview has been advised of the possibility of such damages (other than as may be required by applicable law in cases involving personal injury, incidental or subsidiary damage).
- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.

Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.

- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.
- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation.
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type.
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

Avertissement de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
 - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
 - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
 - Remplacer la batterie par un type incorrect.

- Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie.
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

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.

Visit https://global.uniview.com/Support/Download_Center/Product_Installation/Declaration/ for SDoC.

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 Regulation- (EU) 2023/1542



Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.