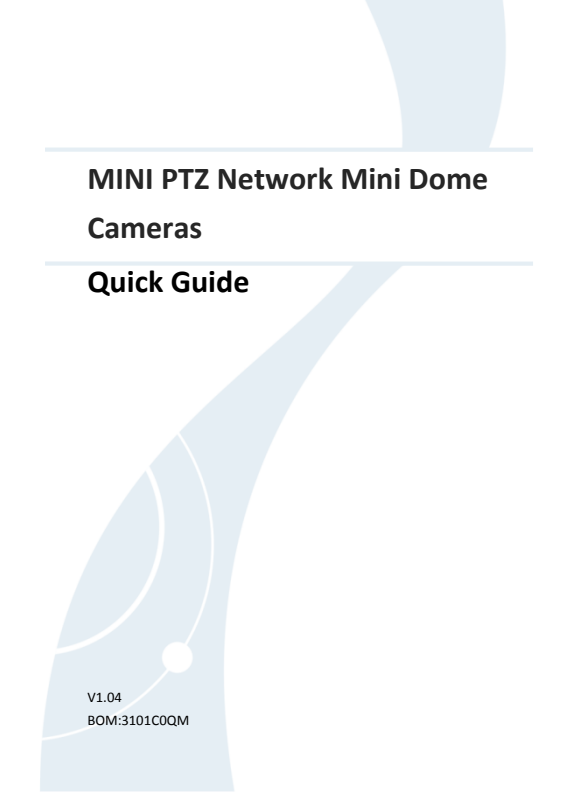




MINI PTZ Network Mini Dome Cameras

Quick Guide

V1.04

BOM:3101C0QM

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.
- 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 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.
- During the process of transportation, special attention is required for the protection of the glass window to prevent friction, scratch and 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 risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- If there is dust on the glass window surface, 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 glass window surface, clean the glass window surface gently from the center outward using lens cleaning cloth. If the grease or the stain still cannot be removed, use lens cleaning cloth dipped with detergent and clean the glass window surface 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 transmit 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.

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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

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



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**
- Default password: **123456**



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

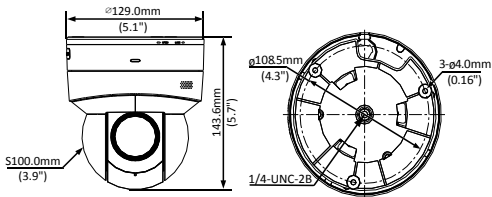
the actual model for details.

Item	Quantity
Camera	1
User document	1
Accessory pack	1

Appearance

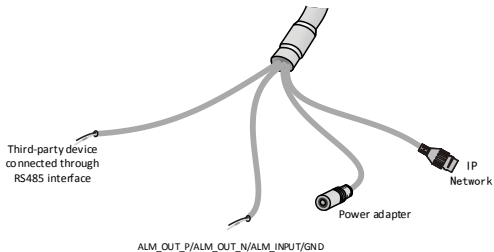
Dimensions

The figures in the manual are for your reference only. The actual appearance may vary with the product model.



Cable Connection

The appearance and tail cable may vary with device model.





For specifications, see the latest product datasheet.



Power Cable Requirements



Please calculate the camera's power consumption (=voltage x current) based on the ratings on the nameplate.

The maximum transmission distance and power requirements with power supply 12V DC, camera lowest working 10.8V DC

Diameter (mm) Distance (m) Power (VA)	0.8 (AWG20)	1.00 (AWG18)	1.25 (AWG16)	1.63 (AWG14)	2 (AWG12)
10	17	27	42	71	107
20	9	13	21	36	54
30	6	9	14	24	36
40	4	7	11	18	27
50	-	5	8	14	21
60	-	-	7	12	18
70	-	-	6	10	15
80	-	-	-	9	13
90	-	-	-	8	12
100	-	-	-	-	11

The maximum transmission distance and power requirements with power supply 12V DC, camera lowest working 9V DC

Diameter (mm) Distance (m) Power (VA)	0.8 (AWG20)	1.00 (AWG18)	1.25 (AWG16)	1.63 (AWG14)	2 (AWG12)
10	36	56	87	148	223
15	24	37	58	99	149
20	18	28	43	74	112
30	12	19	29	49	74
40	-	14	22	37	56
50	-	-	18	30	45
60	-	-	-	25	37
70	-	-	-	21	30
80	-	-	-	-	25
90	-	-	-	-	22
100	-	-	-	-	-

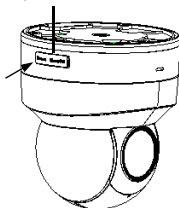
Mount Your Camera

Ceiling Mount

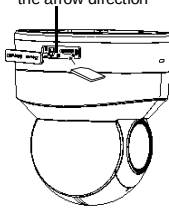
You may adopt ceiling mount or wall mount as needed. Prepare hardware accessories by yourself. The following part takes ceiling mount as an example. Wall mount is similar to ceiling mount and therefore is omitted here. Make sure that the wall is capable of supporting the weight of the camera.

1. Install SD card (optional).

Open the slot cover



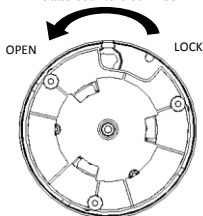
Insert the SD card along the arrow direction



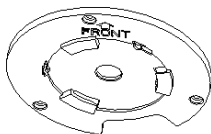
2. Uninstall the adapter plate.

Hold the camera, rotate the adapter plate counterclockwise to detach it from the camera.

Rotate counterclockwise

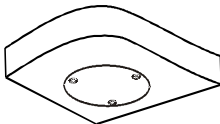


Adapter plate



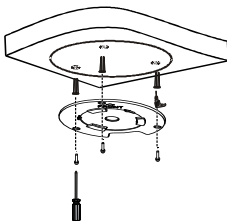
3. Attach the sticker.

Attach the sticker to the desired mounting place.



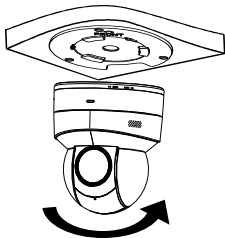
4. Fix the adapter plate to the ceiling.

Knock expansion bolts into holes, and fix the plate to the ceiling with screws. Make sure that **FRONT** on the plate is in monitoring direction.



5. Install the camera.

Secure the camera to the adapter, align **FRONT** on the plate with the gap between **OPEN** and **LOCK** on the camera, rotate the camera counterclockwise until it's fastened.



- Lead the cable through the side slot opening on the camera to secure the cable, so that you may avoid opening a hole on the ceiling.
- Disconnect from power before installing or uninstalling Micro SD card. Otherwise, the device or the Micro SD card might be damaged. For recommended SD card specifications, contact your dealer or technical support.



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 8.0 or later.

Follow these steps to access your camera through the Web

interface:

1. 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 **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, and then right-click the file, select **Run as administrator**, and then install it according to instructions.