Manuals+ — User Manuals Simplified.

NUM AXES CAM1071 360 Degree Security Camera User Manual

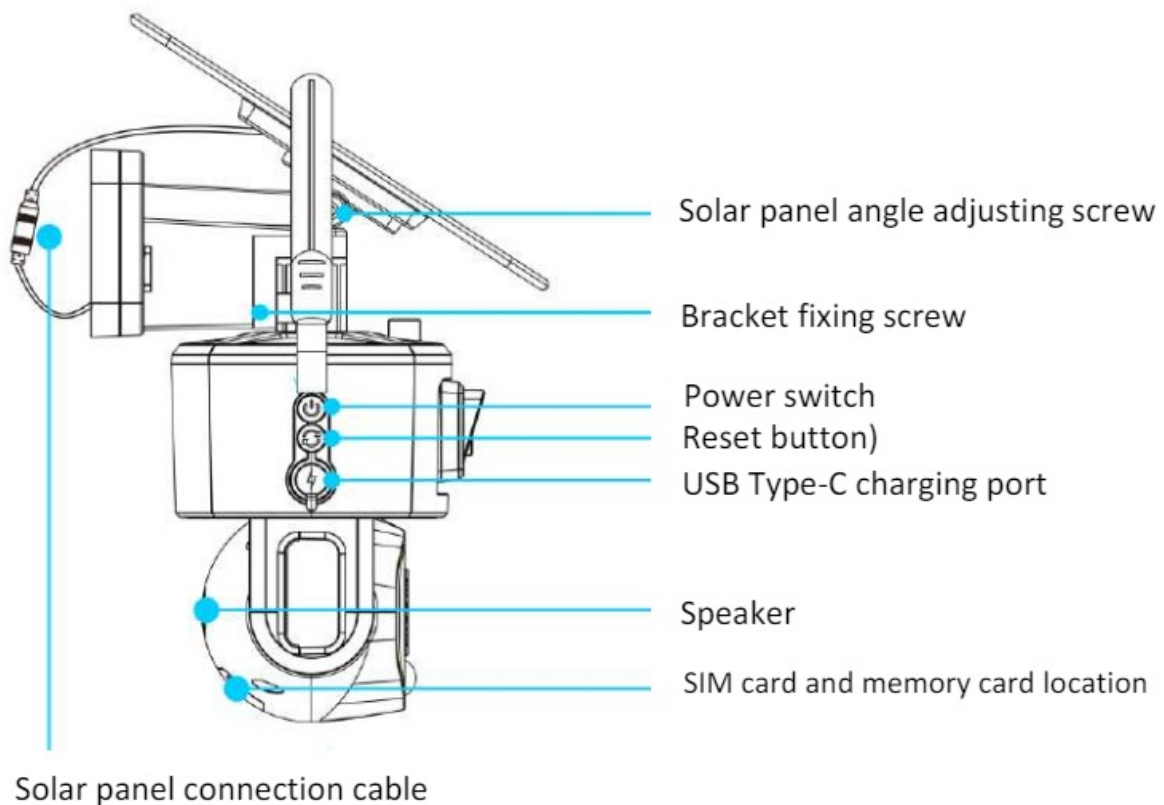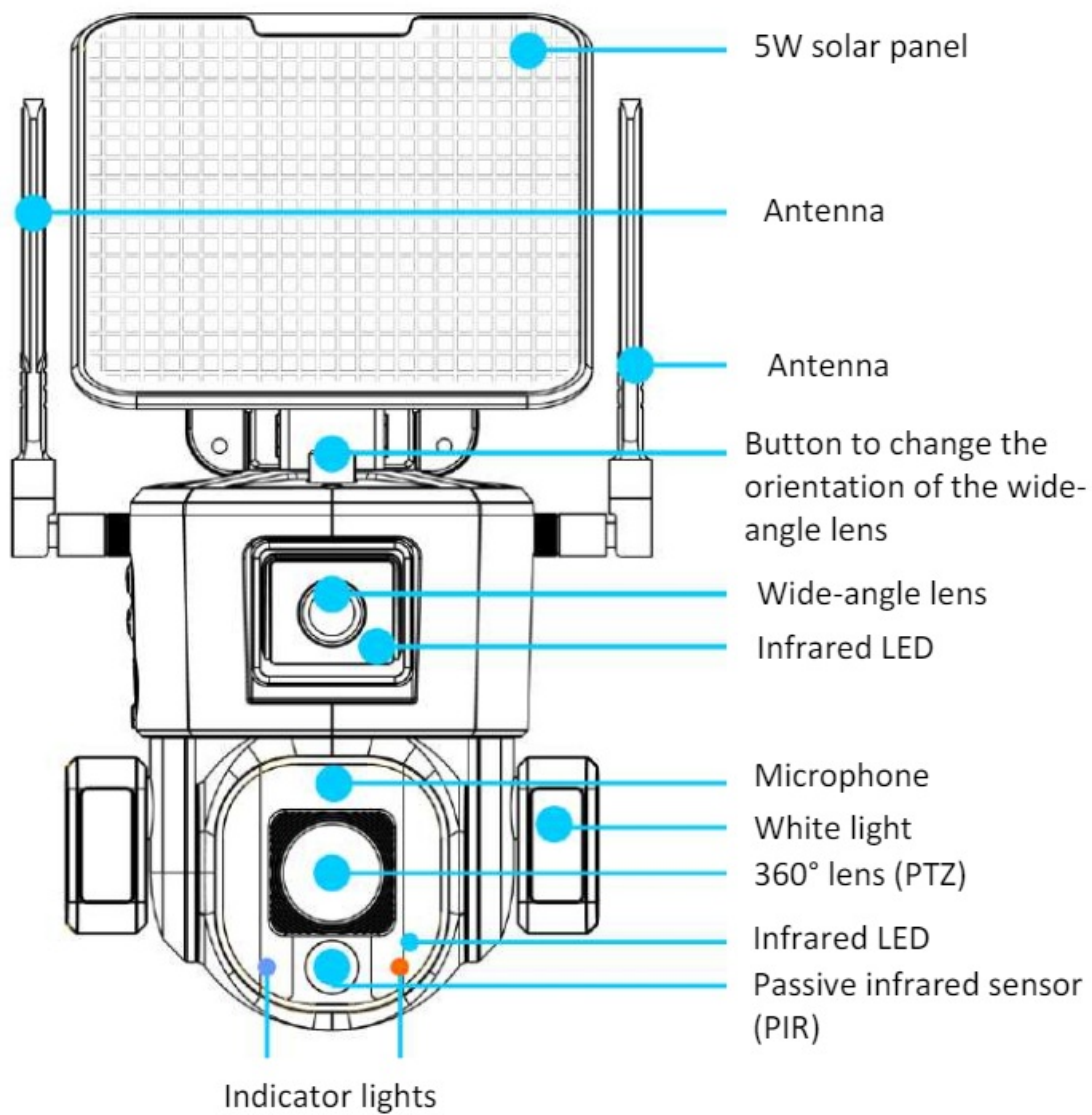**Contents**

NUM/AXES
PROTECTION

NUM AXES CAM1071 360 Degree Security Camera

Contents of the product

- 1 CAM1071 camera
- 1 solar panel
- 1 solar panel bracket
- 2 antennas
- 1 Type-C charging cable
- 1 metal wall mount
- 2 packs of screws and dowels
- 1 Phillips screwdriver
- 1 hex key
- 1 user guide

Product presentation

5W solar panel

Antenna

Antenna

Button to change the orientation of the wide-angle lens

Wide-angle lens

Infrared LED

Microphone

White light

360° lens (PTZ)

Infrared LED

Passive infrared sensor (PIR)

Indicator lights

Solar panel angle adjusting screw

Bracket fixing screw

Power switch

Reset button)

USB Type-C charging port

Speaker

SIM card and memory card location

Solar panel connection cable
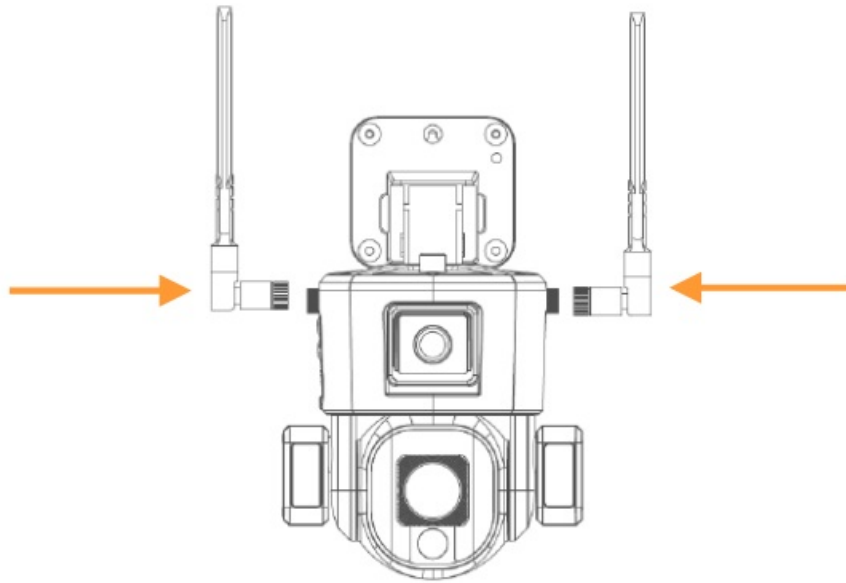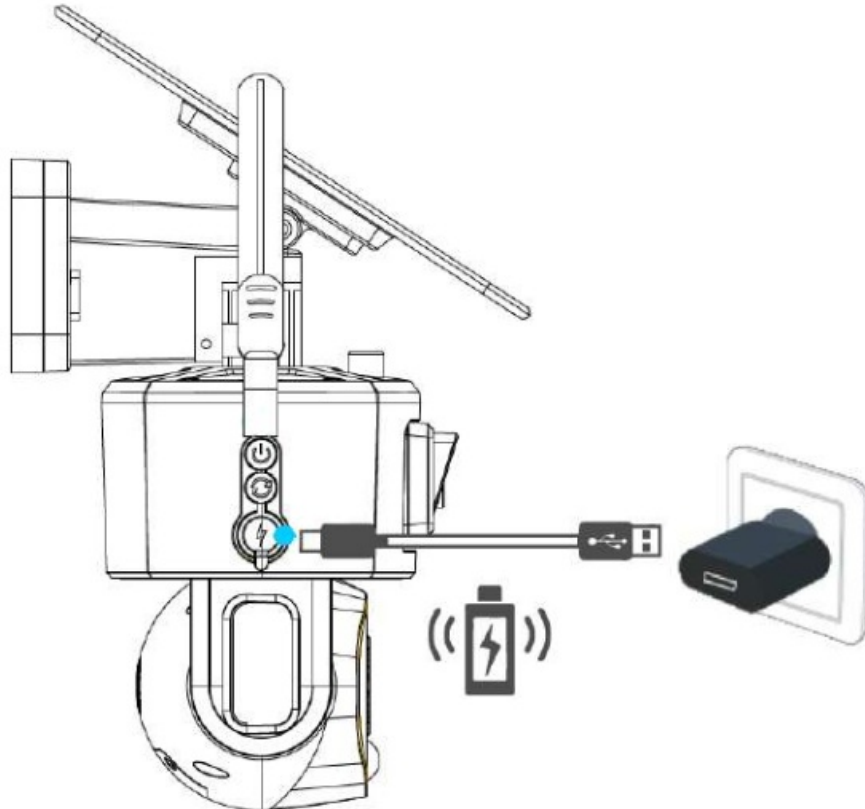
Initial use

### Antennas

- Install the antennas on the camera.

Battery charge
For optimal use from the first usage, charge the camera battery for 10 hours before use. Refer to the diagram below illustrating the wiring to be done for charging.

SIM card and memory card

Open the small hatch located at the back of the camera by unscrewing the 2 screws then insert the SIM card and memory card following the diagram below. Before replacing the hatch, check the presence of the seal in its groove.

Micro SD card
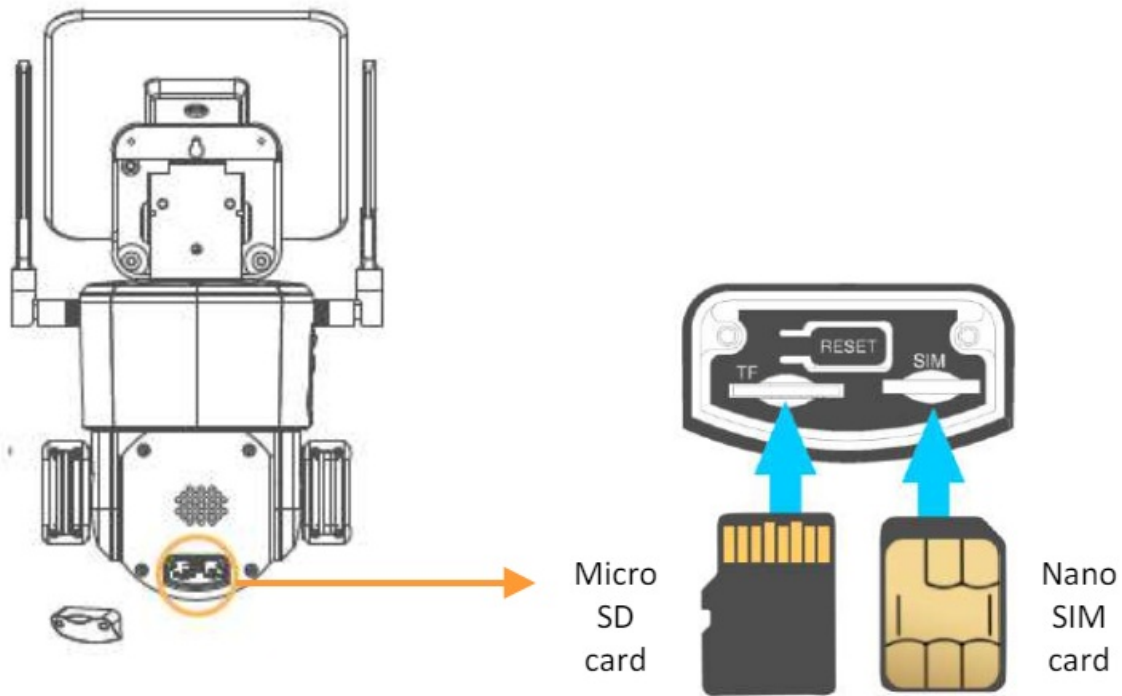
Nano SIM card

4G SIM card: nano-SIM card – Minimum 5 GB data plan recommended Using a smartphone, you must deactivate the PIN code of the SIM card before inserting it into the camera.
Memory card: micro-SD card – Max 128 GB – Class 10 minimum

Power ON
Connect the solar charging port, press the power button once to turn on the device, and press it again if you want to turn off the device After turning on the device, press and hold the reset button for 5 seconds to be ready to pair with the network

Solar panel connection cable

Power switch
Reset button
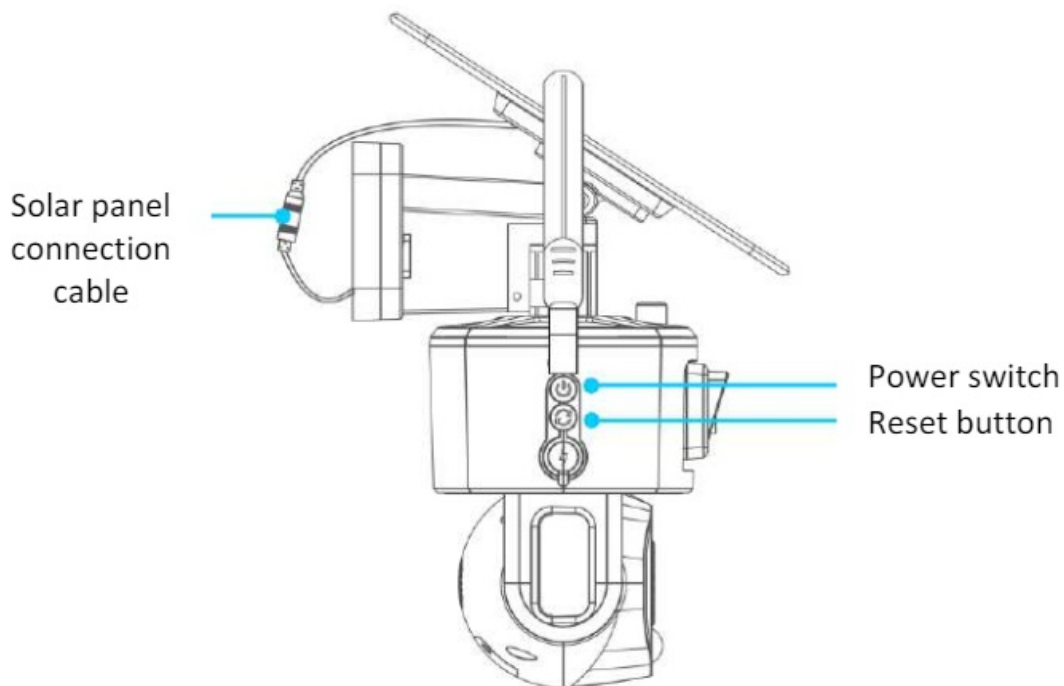
Downloading the application and connecting

Download the application
Download the NIVIEW application on the App Store (for iOS) or on Google Play (for Android). You can also scan the QR code or visit the **app.niceviewer.com** website to download the application.
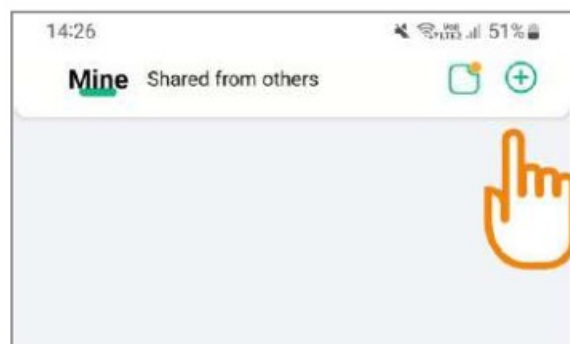
Create an account

Create an account on the application once it's downloaded. For a better experience and increased security, we suggest using the registration mode with the validation code for the first registration. Use your email and set up a password, which you will then use for every account login thereafter.
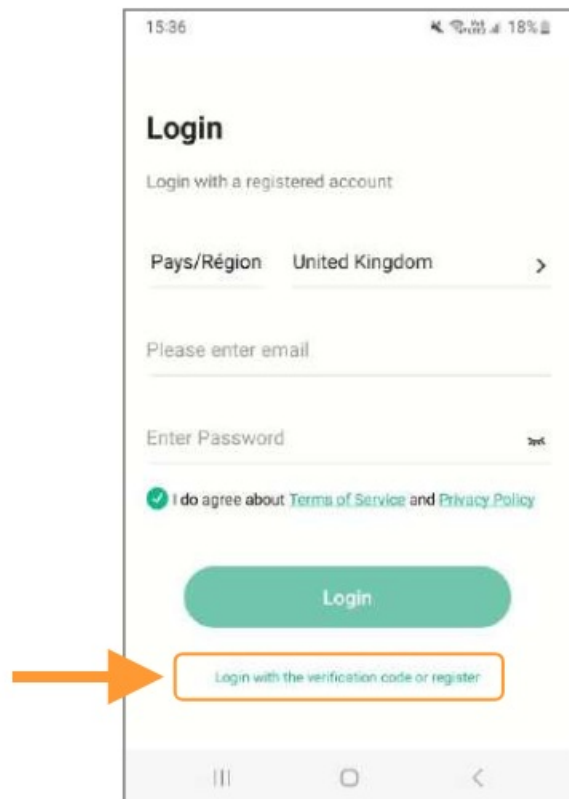
Add the camera

Once logged in, click on the ⊕ icon located at the top right corner of the main menu in your application to connect your camera.

Choose the network type

Select the 4G network to continue pairing your device. The CAM1071 camera does not work with Wi-Fi, it only works with 3G or 4G networks.

Check the camera status

Follow the instructions to determine if the LED light on the front of the camera is flashing alternately in red and blue. If the light is flashing alternately in red and blue, simply click on "Connect" to proceed with the connection.
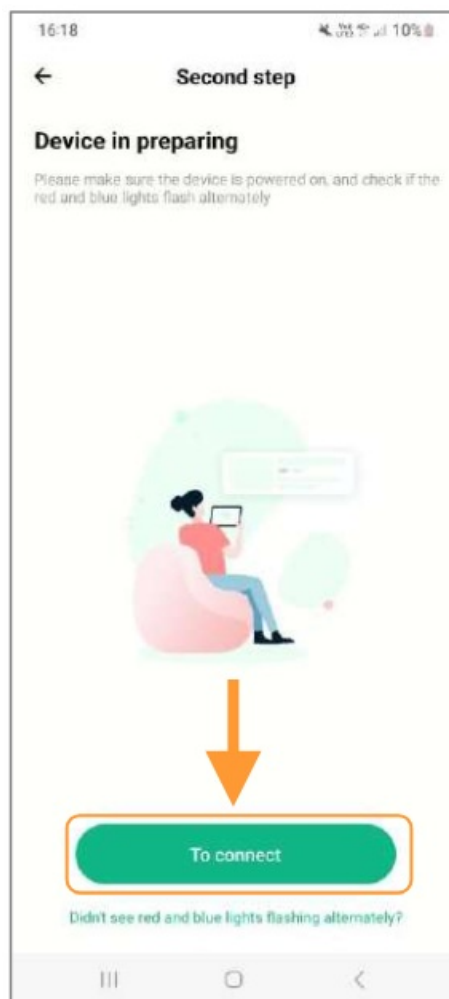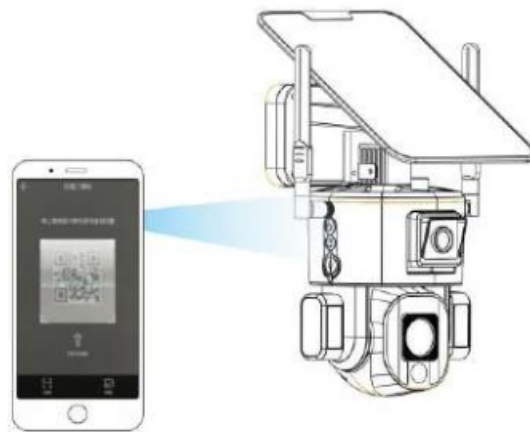

When the device is connected and waiting for the network configuration, the indicator light flashes alternately in red and blue. If the indicator does not flash alternately between red and blue, please check whether the camera is powered on and then check the status of the SIM card indicator.
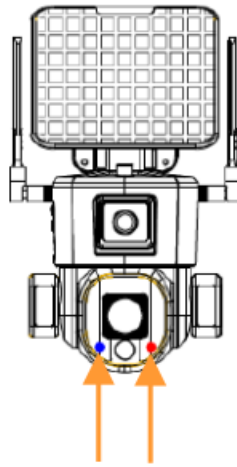
Blue and red indicator lights
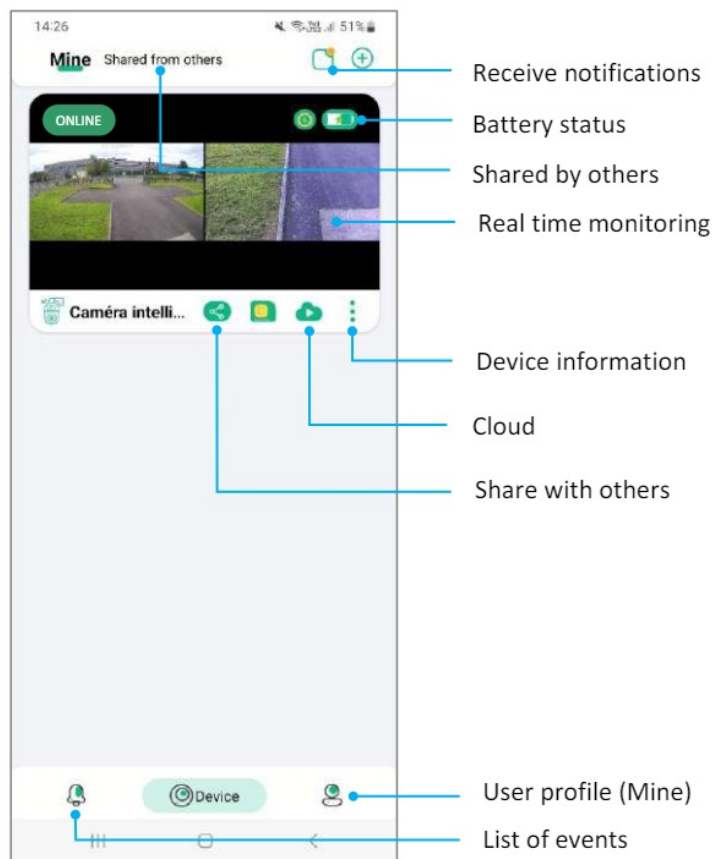
Scan the QR code

The application will now ask you to scan the QR code located on the back of the camera to connect the device to your application. Your camera is now successfully connected to your Niview application.

Presentation of the application home page

Home page functions

Receive notifications

Battery status

Shared by others

Real time monitoring

Device information

Cloud

Share with others

User profile (Mine)

List of events

"Share" function

- You can share a camera with multiple devices and multiple Niview accounts.

- Simply click on the share icon in the main menu, then enter the username of the account with which you want to share.

"Do not disturb" mode

At the top right of the main menu [icon], you will find the notifications. When the PIR is activated, you will receive real-time notifications. You can choose to stop receiving these notifications by activating the "Do Not Disturb" mode.
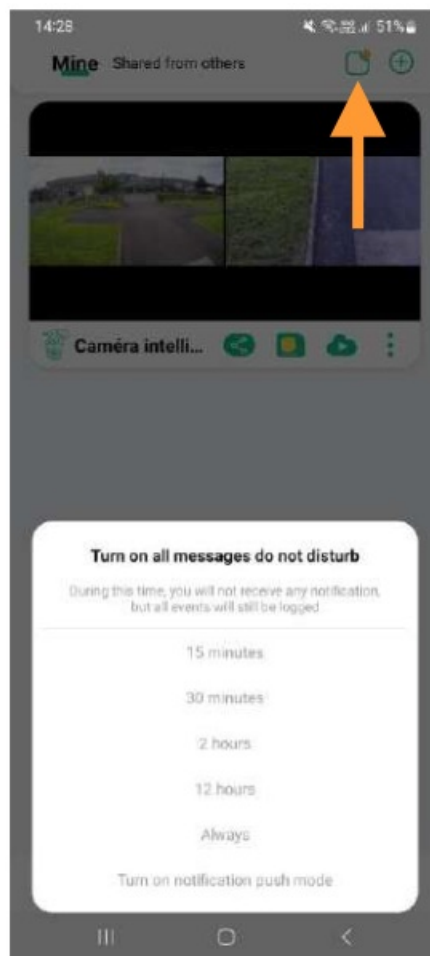
Viewing the Event list

- Click on the Event icon ![bell icon] at the bottom left of the main menu to access the videos triggered by the camera when it detects any motion.

Cloud storage service

- Click on the Cloud icon ![cloud icon] to select a Cloud storage plan.
- You can then save your camera recordings in the Cloud.
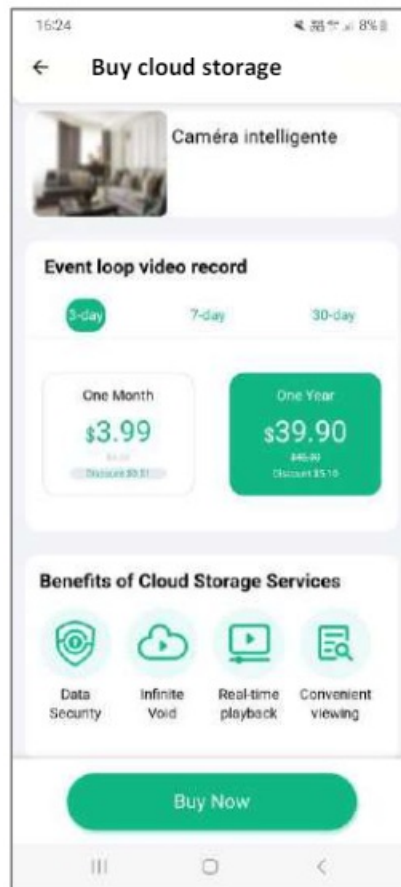
Manage your account information

Click on the Mine icon at the bottom right of the application to access your account information. In this menu, you can change your account password and manage all the functions of the device.

Real-time monitoring and playback

Real-time monitoring

System settings
Manual alarm
Return

Click on the video screen on the home page to access real-time monitoring.

Wide-angle monitoring

Linkage
Double-click anywhere on the wide-angle screen (top), and the close-focus monitor (bottom) will respond and display the detailed monitoring

Detailed monitoring screen

Screen preview

Full screen mode

Pull up to open the **control menu**
Video recording
Screenshot
Intercom

Video playback of memory card

Click on the video playback button on the homepage of the pull-up control menu to enter playback.
Select playback from the memory card.

Select the playback time.
You can adjust the precision of the time axis.

Playback date selection

Recorded event list

Video playback of Cloud storage

Click on the video playback button ▶ on the homepage of the pull-up control menu to enter playback.
Select Cloud storage playback.

Click "Edit" or swipe left to download or delete cloud storage data.

360° camera control

- Click on the pull-up menu to enter the control page.

- Click on the PTZ icon to control the 360° camera.

Focus calibration
When the optical zoom is activated, if the focus is not sharp due to changes in the monitoring environment, you can click on this button to enter the focus calibration mode. This calibration takes two minutes.

Tracking calibration
When there is a difference in the rotation direction of the camera's pan/tilt, you can click on this button, and the camera's pan/tilt will self-detect and calibrate the pan/tilt position.

Preset
When the user has multiple fixed points to monitor, he can control the 360° camera to the position that requires fixed surveillance and save the position for quick positioning.

Guard
When human tracking is activated, the camera will track the person by rotating. Set the guard position to ensure that your key position can be monitored at all times. The setting method is to direct the 360° camera towards your key monitoring point and click on Guard.

Pan/Tilt rotation control

Optical zoom

Screenshot

Real-time intercom

Screen recording

Intelligent tracking
When the function is activated, the 360° camera detects and automatically tracks the person.

Human tracking function deactivated

Human tracking function activated

Camera quick settings

- Click on to access the camera quick settings.

System settings

Device information

- Click on [≡] to access the device information (software version, updates).
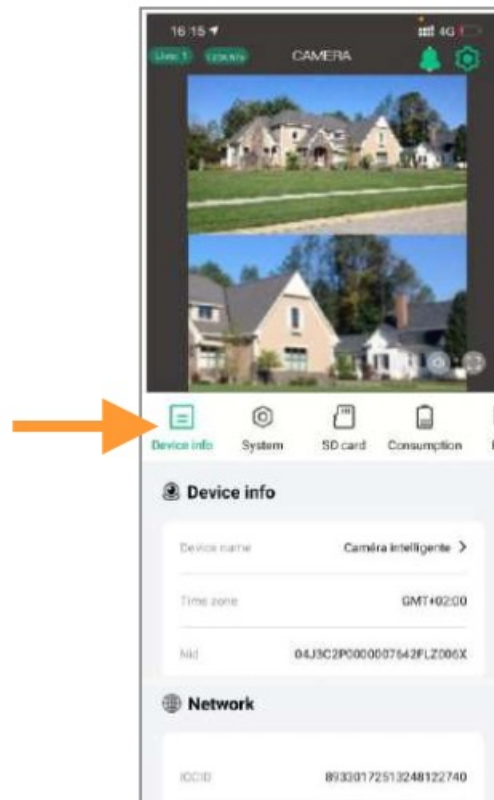
System settings

- Click on ⬡ to access the system settings (change the camera display mode, intercom volume, etc.).

Memory card settings

Click on 🗂 to access memory card settings.
You can check its usage status and format it.

Format de memory card
Memory card status

Alert notification settings

Click on [icon] to access the notification settings of the camera: select the information to be accepted according to your needs.

Detection settings

Click on [icon] to access the camera motion detection settings. You can adjust the sensitivity and detection distance.

Power consumption

Click on ⬛ to enter power management. Select the mode that will best manage the battery based on the camera environment and your needs.
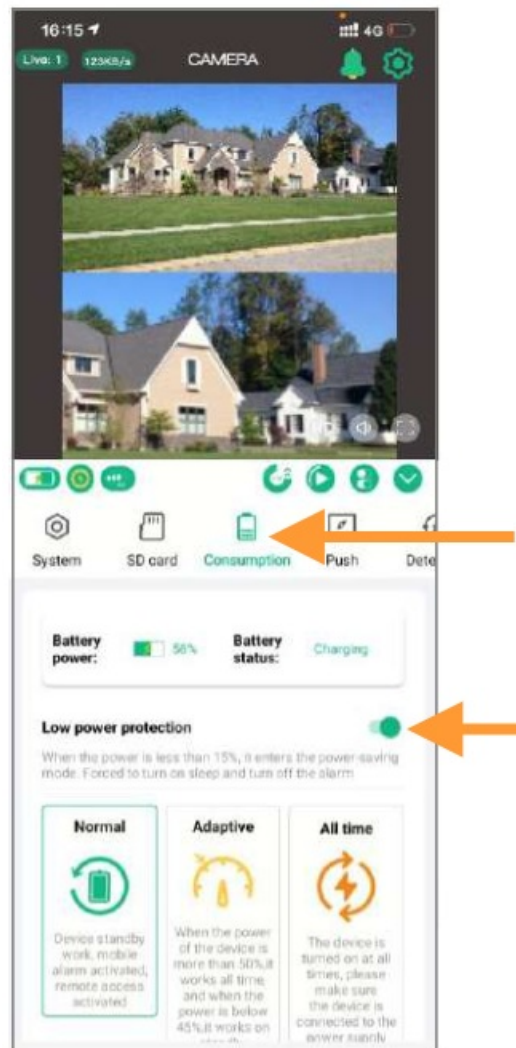

Low power protection
It's recommended to activate the low power protection. When the battery level of the camera is lower than 15%, the device will automatically disable some high-power consumption functions.

Normal mode
This is the most energy-saving and efficient mode. When the mobile phone is not remotely monitored, the camera is in standby mode. When a human being walks by, it will automatically activate the alarm and video recording and push to the mobile APP at the same time.

Adaptive mode
When the battery level is above 50%, the device will work continuously. If the battery level is below 40%, the camera goes to sleep.

All time mode
This is the most energy-consuming mode. The camera is working continuously (it never goes to sleep). In this mode, make sure the camera is connected to a power supply.

Sound and light settings / Alarm

Click on 💡 to access the sound and light settings (infrared LED, white lights, sound and light alarm).

IR mode: infrared LED control

Color mode: white lights are on at night, video is in full color.

Night alarm mode: at night, when someone passes by, the white lights flash and an audible alarm sounds.

All-day alarm mode
Day and night, when someone passes by, the white lights flash and an audible alarm sounds

Wall mounting instructions

1. **Step 1** Secure the solar panel and bracket together with a hex wrench, and adjust it to the maximum sun orientation according to the installation environment.
2. **Step 2** Connect the solar panel charging port.
3. **Step 3** Use screws to fix the metal wall bracket on the wall, hang the camera on it, then lock the tamper-proof screws underneath.
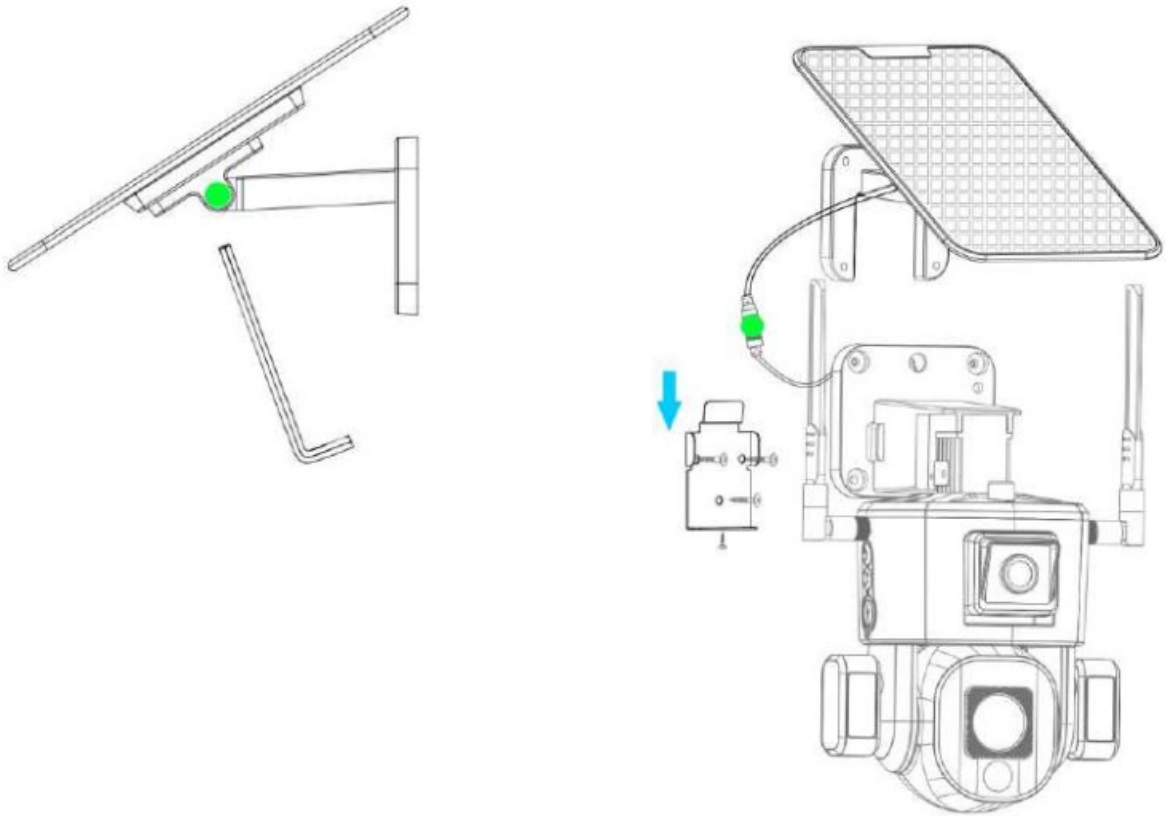
Ceiling mounting instructions

- **Step 1** Unscrew the fixing screw at A, then pull out the upper wall bracket.
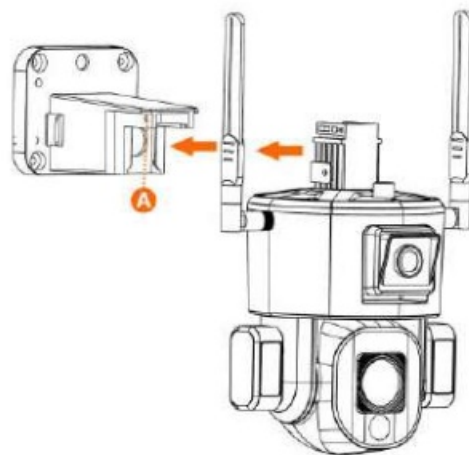
- **Step 2** Put the upper wall bracket upright, insert it along the rail and fix the screws.

Instructions for aiming the camera

After adjusting the tilt angle of the wide-angle camera, tighten the thumbscrew to fix the lens position.

Adjust the angle of the solar panel to achieve the maximum sunlight. The recommended orientation is 25 degrees inclination.
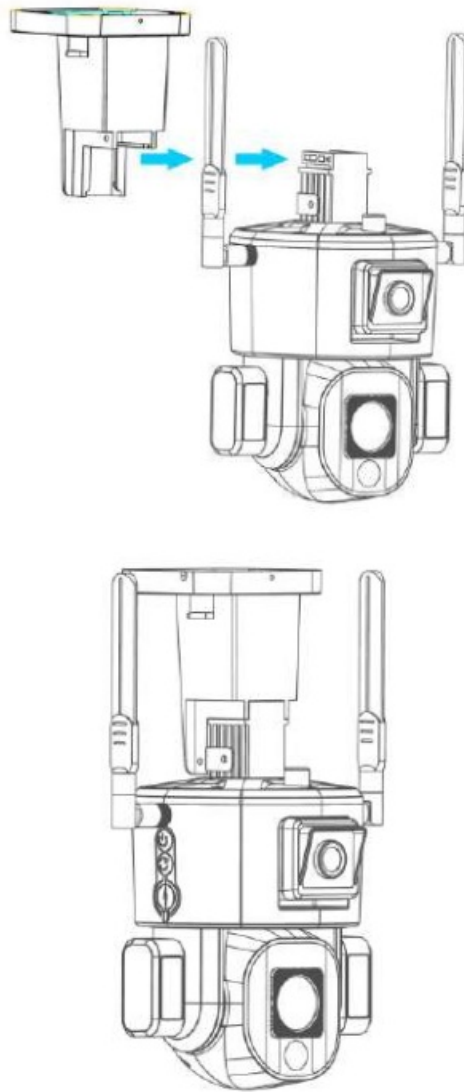
According to your monitoring requirements, manually adjust the up and down tilt angle of the wide-angle camera.

The horizontal direction of the upper wide-angle camera bracket can be adjusted left and right, and the positioning screw can be fixed after adjustment.

You can manually adjust the angle of the white light on both sides, the recommended angle is 15 degrees downward tilt.
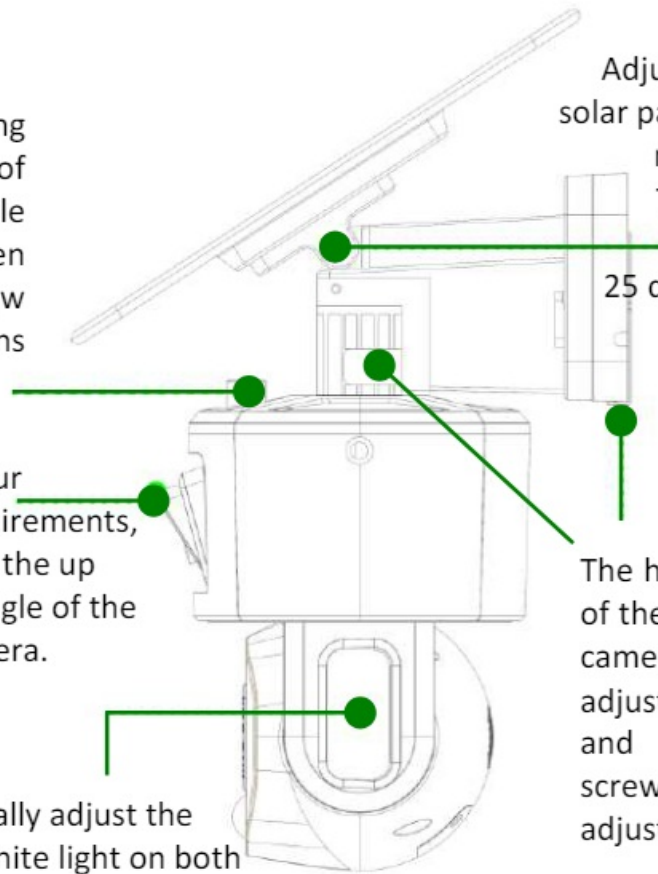
Technical specifications

Image sensors	2 x 4MP colour CMOS
Wide-angle lens → for panoramic views	Lens: 2.5 mm Fiel of view: 120° Manual horizontal rotation: 180° Manual vertical rotation: 15°
360° lens (PTZ) → for close-up views	Lens: 6 mm Field of view: 80° Automatic horizontal rotation: 355° Automatic vertical rotation: 90° Optical zoom from 4X up to 10X
Human detection	Yes
Automatic human tracking	Yes
Alarm	Yes | Siren and lights | Automatic or manual
Video resolution	4K ULTRA HD
Nighttime videos	In colours or black and white
White lights	Light up 50 m² | Tiltable
Infrared LED	Range from 5 up to 40 m
Motion detection	Adjustable detection range: from 0 up to 45 m Adjustable detection sensitivity
Audio function	Yes, bi-directional Allows you to speak and hear
Networks	Works with 3G and 4G networks
External memory	Micro SD card up to 128 GB | Class 10 minimum
Power supply	5W solar panel Built-in rechargeable batteries (20 000mAh) Mains
Installation	Vertical (wall mounting) or horizontal (ceiling mounting)
Watertightness	IP65 Use indoors or outdoors
Free app	NIVIEW (iOS/Android) Real-time remote control using the app Dual live video (panoramic/close-up) Notifications in case of motion detection, low batteries...

After-sales service

Should your product stop working or develop a fault, first read this guide over, and then check that you are using the product correctly. If the problem persists, contact your distributor or check out on **www.numaxes.com**. You can also contact the NUM'AXES Group at +33.2.38.69.96.27 or **export@numaxes.com**. Depending on the extent of the malfunction, you may have to return the product for service and repair. For all repairs, please supply the complete product and the proof of purchase (invoice or sales receipt). If you omit one of these items, the after-sales service will have to invoice you for any repair costs incurred.

Guarantee
The NUM'AXES Group guarantees the product against production defects for two years after purchase. All postage and packing charges will be the purchaser's sole responsibility.

Guarantee conditions

1. The guarantee will be valid only if the proof of purchase (invoice or sales receipt), without cancellation, is submitted to the distributor or to the NUM'AXES Group. The guarantee is limited to the original purchaser.
2. This guarantee does not cover the following:
   - direct or indirect risks incurred when sending the article back to the distributor or to the NUM'AXES Group
   - damage to the product caused by:

- negligence or incorrect use
- use contrary to the instructions or not envisioned therein
- repairs performed by unauthorized persons
- loss or theft

3. If the product is found to be defective, the NUM'AXES Group will either decide to repair or to replace it.
4. No claim may be advanced against the NUM'AXES Group, particularly about incorrect use or breakdown.
5. The NUM'AXES Group reserves the right to modify the characteristics of its products to make technical improvements or to comply with new regulations.
6. The information contained in this guide may be subject to amendment without prior notice.
7. Photos and drawings are not contractual.

Collection and recycling of your device at the end of its life
This pictogram means that your product can not be thrown with household refuse. You have to bring the device to a collection location suitable for the treatment, development, and recycling of electronic waste or bring it back to your distributor. Adopting this process, you do something for the environment; you contribute to the preservation of natural resources and to the protection of human health.

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- **www.numaxes.com**

Documents / Resources

NUM AXES CAM1071 360 Degree Security Camera [pdf] User Manual
CAM1071 360 Degree Security Camera, CAM1071, 360 Degree Security Camera, Degree Security Camera, Security Camera, Camera

References

- 🌐 **app.niceviewer.com**
- Ⓝ **NUM'AXES | NUM'AXES**
- Ⓝ **NUM'AXES | NUM'AXES**
- Ⓝ **NUM'AXES | NUM'AXES**
- Ⓝ **NUM'AXES | NUM'AXES**
- **User Manual**