

Pan-tilt surveillance camera IPC-390 v2

with 2K resolution, night vision, Wi-Fi and app control, 32 GB

User manual



ELESION®

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Information and answers to frequently asked questions (FAQs) about many of our products, as well as necessary Updated manuals can be found on the website:

7links

Enter the item number or item name in the search field there.

Your new pan-tilt surveillance camera

Dear Customer,

Thank you for purchasing this surveillance camera with 360° monitoring function and recording on the internal memory with 32 GB of space. Via Wi-Fi and app, you have access to the camera from virtually anywhere in the world. Rotate them in every direction to keep everything in view at all times. If someone walks through the camera's field of view, you can receive an immediate notification on your mobile device upon request.

Please read these operating instructions and follow the listed instructions and tips to ensure you can use your new surveillance camera to its full potential.

Scope of delivery

- Surveillance camera
- 230-volt power supply
- Reset needle
- Wall mounting adapter
- Angle mounting adapter
- 2 small screws for angle mounting adapters
- Screws and wall plugs for wall mounting
- User manual

Recommended app:

To control the camera, you need an app that can establish a connection between the pan-tilt surveillance camera and your mobile device. Your surveillance camera is compatible with the apps ELESION, Tuya Smart and Smart Life. We recommend using the free ELESION app for control.



ELEION:

Simply scan the QR code to view an overview of other ELESION products.

Important information at the beginning

Safety instructions

- This user manual is designed to familiarize you with how this product works. Therefore, keep these instructions in a safe place so that you can refer to them at any time. Pass them on to subsequent users.
- Please observe the safety instructions when using the product.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety or have received instructions from them on how to use the device.
- The camera, accessories, and packaging are not toys for children. Therefore, keep children away from it. Children must be supervised to ensure they do not play with the device.
- Modifying or altering the product will compromise product safety. Caution: Risk of injury!
- All modifications and repairs to the product or its accessories may only be carried out by the manufacturer or by persons expressly authorized by the manufacturer. Never open the product yourself. Never attempt repairs yourself!
- Handle the product carefully. It can be damaged by bumps, blows, or falls from even a low height.
- Keep the product away from extreme heat.
- Never immerse the product in water or other liquids.
- Do not touch the product's power supply with wet or damp hands.
- Check the product for damage before use. Do not use it if it shows visible damage.
- Never use the product after a malfunction, e.g. if it has fallen into water, been dropped, or damaged in any other way.
- When operating the product from a power outlet, ensure that it is plugged into an easily accessible outlet so that you can quickly disconnect it from the mains in an emergency.
- Never unplug the product from the wall socket with wet hands.
- If you want to unplug the device from the socket, always pull directly on the plug. Never pull on the cable, it could be damaged. Never transport the device by its cable.
- Check that the mains voltage specified on the nameplate matches that of your electrical network.
- Ensure that the power cable is not kinked, pinched, run over, or comes into contact with heat sources or sharp edges. It must also not become a tripping hazard.
- Unplug the device after each use or in case of malfunctions during operation.
- Technical specifications subject to change without notice. Errors and omissions excepted.

Warning notice in accordance with Section 201 of the German Criminal Code:

Anyone who unlawfully records the non-publicly spoken words of another person on a sound recording device and uses such a recording or makes it accessible to a third party can be punished with imprisonment or a fine! Likewise, anyone who unlawfully uses a listening device to eavesdrop on the non-publicly spoken words of another person, or who publicly discloses the recorded or overheard non-publicly spoken words of another person, either verbatim or in their essential content, may be punished.

Possible legal violations

When using the surveillance camera, please observe the following instructions:

Copyright

In principle, everyone has the right to their own image. According to copyright law, images may only be published without the consent of the person depicted if the person appears merely as an incidental element alongside a landscape or other location. Whether a person is merely incidental depends on the circumstances of each individual case. For legal certainty, in all cases where recordings with identifiable personal information are possible, information about the surveillance camera should be provided. (see section on the obligation to provide notification)

Privacy protection

The privacy of others must not be violated by the images shown. Do not point your camera into the garden or at the front door of your neighbor's apartment, even if these places are visible from your own apartment or from public locations. This does not justify the publication of these insights.

Personnel identifiability

Personal identification exists when it can be established that a specific person was at a specific place at a specific time. Identification can also be achieved via a personal identifier, such as... the vehicle registration number. Personal identification of individuals must be avoided at all costs.

Surveillance cameras in the workplace

Workplace surveillance is subject to particularly strict regulations in Germany. Employers should completely refrain from using surveillance cameras in the workplace as long as a possible legal violation cannot be completely ruled out. Please inform yourself about the laws applicable in your country.

Surveillance cameras in road traffic

For surveillance cameras overlooking road traffic, it is recommended to configure the location of the cameras and the image section in such a way that the road users cannot be identified via their car license plate number. Vehicle markings can also lead to the identification of road users.

Duty to inform

If personal identification of individuals cannot be ruled out, a notice indicating the presence of surveillance cameras must be clearly visible at all access points to the recording area. Furthermore, the passerby must be informed that by entering the recording area, he gives his consent to the recording of the images and that, in case of refusal of his consent, he can avoid being recorded by not entering the area. It is important to ensure that the declaration is voluntary. If the camera trap is located at a point that the person concerned must pass to reach their destination (e.g. (Entrance from a tourist attraction), then, due to a lack of voluntariness, there is no effective consent.

Important disposal information

This electrical appliance does not belong in household waste. For proper disposal, please contact the public collection points in your community. Details regarding the location of such a collection point and any possibly Please refer to the information provided by the respective municipality for any existing quantity restrictions per day / month / year.



Declaration of Conformity

PEARL Inc. hereby declares that the product ZX-5328-675 is in compliance with the Radio Equipment Directive 2014/53/EU, the Ecodesign Directive 2009/125/EC, the RoHS Directive 2011/65/EU + (EU)2015/863, the EMC Directive 2014/30/EU and the Low Voltage Directive 2014/35/EU.

Kurtasz, A.

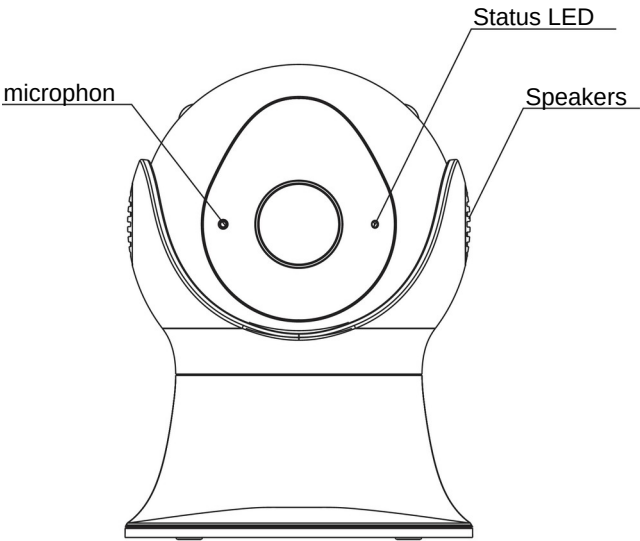
Quality Management, Dipl. Ing. (FH) Andreas Kurtasz

The full declaration of conformity can be found at www.pearl.de/support. Enter the item number ZX-5328 in the search field there.

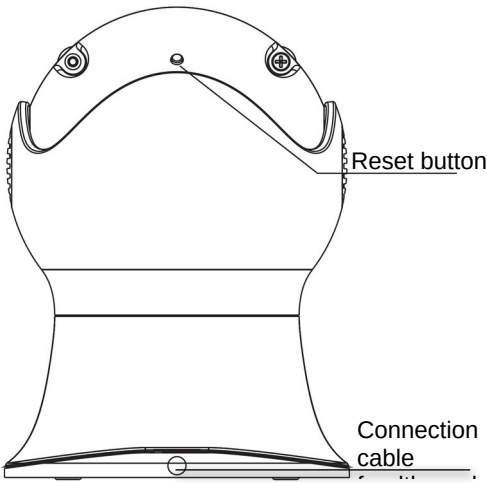


Product details

front



back



Assembly

via wall mounting adapter

1. Attach the black wall mounting adapter to the wall where you want to mount the surveillance camera. The locking tabs for attaching the camera should point away from the wall.



A NOTICE:

On one side of the wall mounting adapter there are 2 holes directly next to each other in a slight indentation of the adapter. Once the adapter is attached to the surveillance camera, these points either towards the front or back of the camera and can thus be used to easily mark the desired drill holes.

2. Mark at least 2 drill holes for attaching the wall mounting adapter and then remove it from the wall.



DANGER!

When drilling, be careful not to drill into any electrical wiring, water pipes, or other pipes running in the wall!

3. Then drill holes at the markings, appropriately sized for the dowels you intend to use. Use a drill bit with a diameter of 6 mm for the supplied dowels. Then insert the dowels into the drilled holes.
4. Then attach the wall mounting adapter and screw the screws through the mounting adapter into the wall plugs. Tighten the screws sufficiently.
5. Guide the power cable outwards through the recess in the base of the surveillance camera, then place the camera base onto the bracket and turn the camera counterclockwise until you hear a click as the camera locks into place in the base.

via angled mounting adapter

1. Insert the metal angle mounting adapter into the recess of the black mounting adapter on the large side. The outside of the angled mounting adapter should point away from the black mounting adapter. Then, from below, screw the two small screws through the black mounting adapter into the respective threads of the angle mounting adapter.
2. Next, attach the angled mounting adapter to the wall at the position where you want to mount the surveillance camera.
3. Mark two drill holes for attaching the angle mounting adapter and then remove it from the wall.

**DANGER!**

When drilling, be careful not to drill into any electrical wiring, water pipes, or other pipes running in the wall!

4. Then drill holes at the markings, appropriately sized for the dowels you intend to use. Use a drill bit with a diameter of 6 mm for the supplied dowels. Then insert the dowels into the drilled holes.
5. Then attach the angle mounting adapter and screw the screws through the mounting adapter into the dowels. Tighten the screws sufficiently.
6. Guide the power cable outwards through the recess in the base of the surveillance camera, then place the camera base onto the black bracket and turn the camera counterclockwise until you hear a click as the camera locks into the base.

commissioning

power supply

Connect the surveillance camera to a suitable power outlet using the supplied power adapter. The surveillance camera starts up. The camera head aligns itself once. The process is complete as soon as the status LED flashes red. You will also hear a signal tone.

Install the app

To control it, you need an app that can establish a connection between your surveillance camera and your mobile device. We recommend the free app ELESION for this purpose. Search for them in the Google Play Store (Android) or App Store (iOS) or scan the corresponding QR code. Then install the app on your mobile device.



Android



iOS

**A NOTICE:**

If you do not already have an ELESION account, please create one. Registration in the app is done via email address.

A detailed explanation of the registration process and a general overview of the app can be found online at www.pearl.de/support. Simply enter the item number ZX-5328 in the search field.



www.pearl.de/support

Connect surveillance camera to app



a notice:

The surveillance camera can only be integrated into a 2.4 GHz WLAN. You can usually recognize 5 GHz Wi-Fi by the fact that "5G" is appended to the network name.

1. Connect the surveillance camera to the power supply. It starts up and emits a signal tone as soon as it is ready to pair.
2. Connect your mobile device to the 2.4 GHz network to which you want to connect your surveillance camera.
3. Open the ELESION app and log in.
4. Next, tap Add device in the My Home tab, or tap the plus symbol in the top right corner and then tap Add device.
5. Tap on the Cameras category in the left column.
6. Now tap on the Camera subcategory in the right-hand column.
7. Tap Next Step, and then tap Next.



A NOTICE:

If the status LED of the surveillance camera no longer flashes red rapidly, use the supplied reset pin to press and hold the reset button on the back of the camera for approx. Press and hold for 5 seconds to restart the camera. Restart the connection process from step 4 as soon as the status LED of the surveillance camera flashes red rapidly.

8. Enter the Wi-Fi password of the 2.4 GHz network to which your surveillance camera will be connected. Tap the eye icon to show or hide the entered password.



A NOTICE:

The Wi-Fi network that your mobile device is currently connected to will be used automatically. To connect your camera to a different Wi-Fi network, tap the double arrow next to the network name.



You will be taken to the Wi-Fi settings of your mobile device. Establish a connection to the desired network there. Use the back button to return to the app and enter the required Wi-Fi password if necessary.

9. Tap Next.

10. Hold the QR code on your mobile device's display 15-20 cm in front of your camera lens.
11. When a connection is successful, a beep sounds from the camera speaker and the status LED starts to glow blue. Confirm this on your smartphone using the "Signal tone heard" button. The camera begins establishing a connection.
12. After successful pairing, tap the pencil icon next to your surveillance camera and enter the desired device name. This way, your camera can be clearly identified later. Then tap Done in the input window.
13. Tap Done below. The surveillance camera will be added to your device list. You will be taken to the device's control page.

Control panel of the surveillance camera



A NOTICE:

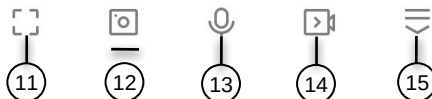
Apps are constantly being developed and improved. Therefore, it is possible that the app description in this user manual no longer corresponds to the latest app version.

1. In the device list (My Home tab), tap on your security camera. The tax page is being accessed.
2. Control your surveillance camera by tapping the corresponding icon.



- | | |
|-------------------------|---|
| 1. Back | 6. Controls |
| 2. Device name | 7. Advanced controls |
| 3. Set resolution | 8. Device settings |
| 4. Camera image | 9. Full-screen magnification |
| 5. Camera quick actions | 10. Activate camera microphone / deactivate |

Camera quick actions



- | | |
|-------------------------------|--------------------------|
| 11. Full-screen magnification | 14. Video recording |
| 12. Photo taken | 15. Expand/hide controls |
| 13. Oppose | |

Controls

Tap the following options to access the respective submenu or to adjust the respective function.

- Playback: for viewing/playing back recordings on internal memory
- Gallery: for viewing/playing photos taken with a mobile device
- Theme color: for displaying tax pages in light or dark
- Night mode: for turning night vision on and off or for automatic selection
- Motion tracking: Enable/disable motion tracking
- Motion detection: Enable/disable motion detection
- Sound detection: Enable / disable sound detection
- Edit: Advanced editing of the control bar

Advanced controls

- Messages: Activity Log
- Direction: manual camera direction control
- Cloud: direct access to recordings stored in the cloud (for a fee).
- Features: to display the control bar

Adjust activity area

1. Tap the device settings option in the top right corner.
2. Then tap on Alarm settings.
3. Activate the motion detection alarm (switch on the right, green).
4. Activate the activity area (switch on the right, green).
5. Tap on Monitoring Area Settings.
6. In the displayed image, tap on one side of the red frame and drag the frame to the position where you want to limit the motion detection area.
7. Tap Save to claim your surveillance zone.

Surveillance camera access via internet browser

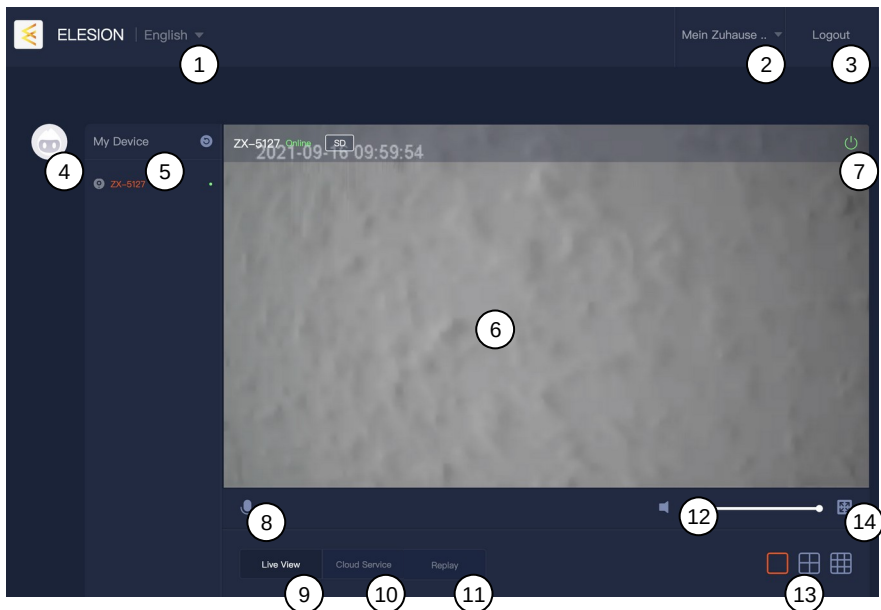


A NOTICE:

Access to the surveillance camera via the internet using a browser is only possible after the surveillance camera has been successfully integrated into the app.

1. Open the following website: <https://ipc-eu.ismartlife.me/login>
2. Open the ELESION app and then tap on Profile in the bottom bar.
3. Tap the scan icon and grant permission possibly Required permissions to use the mobile device camera for scanning.
4. Scan the QR code on the website you accessed in step one and tap "Confirm Login" in the app to confirm your registration.

Web control page of the surveillance camera



- | | |
|--------------------------------------|---|
| 1. Language setting | 8. Activating the intercom function (requires access authorization) |
| 2. Name of the ELESION environment | 9. Live View |
| 3. Log out | 10. Cloud Service (if purchased) |
| 4. Profile picture set up in the app | 11. Repetition |
| 5. App camera list | 12. Volume control |
| 6. Camera image | 13. Multi-image switching |
| 7. Camera on/off switch | 14. Full-screen switching |

Device settings

1. On the control page, tap the device settings icon in the top right corner.
2. Tap on a menu item or the button next to a menu item to select the desired options. The following options are available:

Menu item	function
Device name	Customize name, icon, and location
Device information	Owner, IP address, device ID, time zone
Instant scenes and automations	Shows linked devices and actions
Basic function settings	To activate or deactivate Status display, image rotation and time watermark
Infrared night vision function	Night vision on, off, or automatic
Alarm settings	Settings for motion detection alarm (with sensitivity setting), activity area, human tracking and sound detection (with sensitivity setting), create schedule
ONVIF	Enable/disable ONVIF-compatible function
memory	Displays capacity (total, used, remaining), with formatting options.
Cloud storage	Purchase cloud storage space for your video recordings*
SMS or phone notification	Activate (fee required)
Offline message	Enableable push notification in case of Wi-Fi loss from the surveillance camera
FAQ & Feedback	View FAQs and send feedback
Share device	Share access to your surveillance camera with other app users
Add to Home screen	For direct access to the camera from your mobile device's home screen.
Firmware update	Firmware version information, with an option for automatic updates.
Remove the device	Delete surveillance camera from the app

* Booking the cloud service requires registration with the service provider. The collection, processing and storage of the data required for this purpose is solely the responsibility of the provider.

Data protection

Before you pass the device on to a third party, send it for repair or return it:

- Format the internal storage via the app under Device settings > Internal storage > ➔
Format. ➔
- Using the supplied reset needle, press and hold the reset button on the surveillance camera for approx. Press and hold for 5 seconds to reset the surveillance camera to factory settings.
- Remove the device from the app.

An explanation as to why certain personal data is required for registration or Information on which permissions are required for use can be obtained in the app.

Technical data

camera		
power supply		12 volts DC, 1 A
Power consumption		12 Watt
Wi-Fi	standard	802.11b/g/n
	band	2.4 GHz
	radio frequency	2412 – 2472 MHz
Transmit power		max. 18 dBm
Protection class pictograms		
Protection class		IP65
Dimensions (Ø x H)		77 x 107 mm
Weight		230 g

power supply	
Model	DCT12W120100EU-A0
Input	100 – 240 volts AC, 50/60 Hz, 0.3 A
output	12.0 volts DC, 1.0 A
Power consumption	12 Watt
Protection class pictograms	

For your notes

Customer service:

EN: +49(0)7631-360-350

CH: +41(0)848-223-300

FR: +33(0)388-580-202

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