User Manual

MAGINON 360° PANORAMA CAMERA VIEW 360





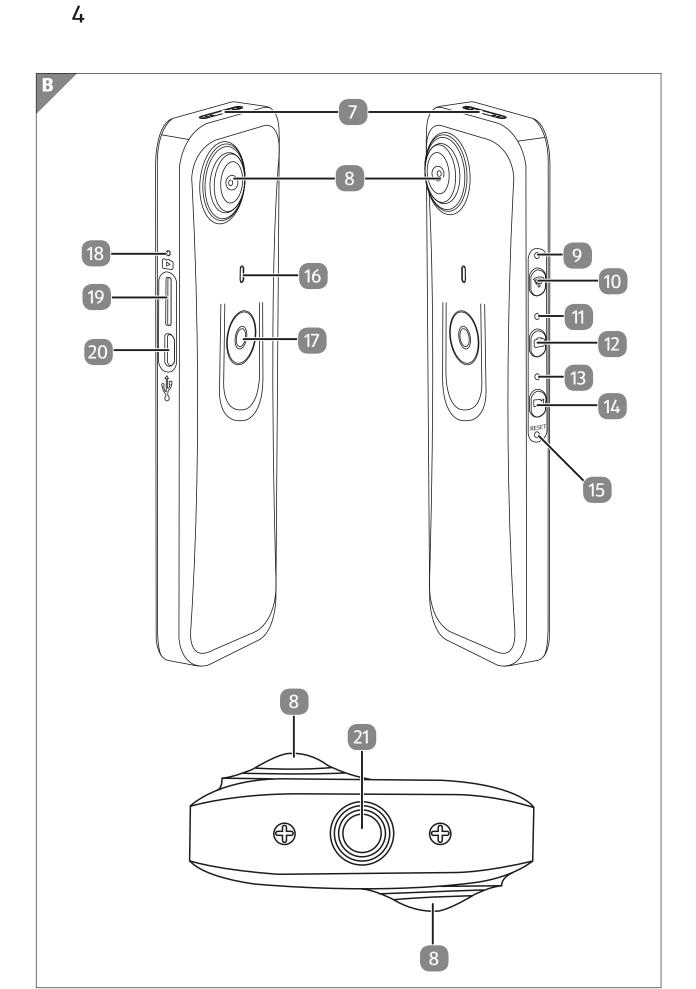
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Dok./Rev.-Nr. Cover_IM_View_360_A6_UK-170518





Package content/device parts

- 1 Maginon 360°Panorama camera
- 2 8 GB micro SD memory card with SD card adapter
- 3 Micro USB charge cable
- 4 USB power supply
- 5 Bag
- 6 Table tripod
- 7 Ventilation
- 8 Lens
- 9 WiFi LED
- 10 WiFi button
- 11 Photo mode LED
- 12 Photo mode button
- 13 Video mode LED
- 14 Video mode button
- 15 Reset button
- 16 Power LED
- 17 On/Off button
- 18 Microphone
- 19 Micro SDHC memory card slot
- 20 Micro USB connection
- 21 1/4" thread

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Preface

Dear customer,

Congratulations on purchasing a high-quality MAGINON product.

You have chosen a modern 360° panorama camera with excellent technical equipment and the relevant accessories, which is particularly easy to operate.

The 360° panorama camera comes with a 3 year warranty. In the event of a fault with the 360° panorama camera, you will need the enclosed warranty card and proof of purchase. Keep these in a safe place.

Imprint

Issued by: **supra** Foto-Elektronik-Vertriebs-GmbH Denisstr. 28 A 67663 Kaiserslautern Germany

General

Read and retain these instructions



These operating instructions are for the 360° panorama camera (referred to below only as "panorama camera"). They contain important

information about start-up and how to operate the camera.

Read these operating instructions, and in particular the safety information, carefully before using the panorama camera. Failure to observe these operating instructions may lead to loss of data or damage to the 360° panorama camera.

These operating instructions are based on standards and regulations that apply in the European Union. Also observe specific guidelines and laws for any country where the camera will be used.

Please retain these operating instructions for further reference. If you pass the panorama camera on to third parties, please also include these operating instructions.

Explanation of symbols

The following symbols and signal words are used in these operating instructions, on the camera or on the product packaging.

ADANGER!

This symbol/word indicates a high-level risk hazard which, if not avoided, may cause death or serious injury.

A WARNING!

This symbol/word indicates a mid-level hazard which, if not avoided, may cause death or serious injury.

ACAUTION!

This symbol/word indicates a low-level hazard which, if not avoided, may result in minor or moderate levels of injury.

NOTE!

This signal word warns against potential material damage.

This symbol provides useful additional information regarding assembly or operation.



Declaration of Conformity (see chapter on "Declaration of Conformity"): Products marked with this symbol comply with all Community legislation of the European Economic Area.



Devices with this sign may only be operated indoors (in a dry environment).



Products marked with this sign may not have a protective earth terminal. Electrical safety is ensured by additional insulation. All live components must have at least double insulation.



Products marked with this sign are powered by direct current.



The adapter delivered with the 360° panorama camera is classified as level VI under the US efficiency standard.

Correct use

The panorama camera is designed only as a panorama camera. It is intended for private use only and not for commercial purposes.

Only use the panorama camera as described in these operating instructions. Any other use is considered to be incorrect and may cause material damage and loss of data.

This panorama camera is an entertainment electronics device.

The manufacturer or retailer cannot accept any liability for damage caused by improper or incorrect use.

This 360° camera is designed to record 360° panoramas as photos or videos and to save them on a memory card, or transfer them live onto YouTube or Facebook.

The panorama camera may not be modified under any circumstances. Damage caused by improper use is solely the responsibility of the user.

Safety Safety information

A WARNING!

Danger of injury!

In order to prevent injuries, this camera must be securely attached to the floor/wall as outlined in the installation instructions.



Danger of electrocution!

Faulty electrical installation or excessive mains voltage may cause electrocution.

- Do not operate the panorama camera in the event of visible damage or if the USB cable or mains plug is defective.
- Only connect panorama camera to an easily accessible socket, allowing quick disconnection from the power supply in case of a fault.
- If the panorama camera's USB cable is damaged, it must be replaced by the manufacturer or its customer service or a similar qualified person.
- Do not open the housing. Have the repair carried out by an expert. Contact a specialist workshop. All liability and warranty claims shall be void in the event of incorrect cable insertion/connection, improper use or repairs that have been carried out by users themselves.

Safety

- The panorama camera may not be operated with an external timer or separate remote control system.
- Never immerse the panorama camera or USB cable or plug in water or other fluids. Do not place objects filled with liquid, such as vases, on the device while it is connected to a mains adapter.
- Do not expose the panorama camera to any sprayed or dripping water.
- Keep the panorama camera, the mains plug and USB cable away from open flames and hot surfaces.
- Never place sources of ignition, such as burning candles, on or near the panorama camera.
- Install the USB cable in such a way that it does not become a trip hazard.
- Do not cover the panorama camera directly with a jacket, towel or similar, in order to avoid a build-up of heat.
- Do not kink the USB cable and do not lay it over sharp edges.
- Never use the USB cable as a carrying handle.
- Only use a power adapter with the mains voltage specified on the data plate. Otherwise there is a danger of fire or electrocution. Disconnect the power supply from the socket.
- The power supply cannot be used during thunderstorms.
 Otherwise there is a danger of electrocution.
- Never touch the panorama cameras, power supply or USB cable with wet hands.
- Never use the panorama camera in damp areas or in the rain.
- Never try to retrieve the panorama camera if it has fallen into water.

- Ensure that children do not push objects into the panorama camera.
- Please restart camera in case of product failure due to static discharges or fluctuations in power.



Danger of explosion

The battery must not be exposed to excessive heat, such as extreme sunshine, fire or similar, as there is a danger of explosion.

- Do not swallow the battery as there is a danger of chemical burns.
- Keep the battery away from children.
- Do not short-circuit the panorama camera.
- Do not strike or pierce the panorama camera, as the battery acids may leak out and cause serious burns.
- Never use the panorama camera in environments with explosive or inflammable materials. There is a danger of fire and explosion.
- If you suspect that you or your child has come into contact with the battery acids, seek medical assistance immediately.
- Observe the limitations or prohibitions of use for powerpack or battery-powered devices in places with separate hazardous areas, such as filling stations, aircraft, hospitals, and so on.
- Have the panorama camera's battery replaced by a qualified person only, to avoid hazards.

Safety

- Disposal of the battery: Old or discharged batteries must be disposed of or recycled correctly in accordance with all applicable laws. Detailed information is available from your municipal waste disposal department.
- Never touch leaking batteries without the proper protection. If the battery acid comes into contact with skin, wash the area thoroughly with soap and water.
- Prior to disposal, the batteries must first be removed and disposed of separately.
- Avoid battery acid coming into contact with your eyes. If battery acid does come into contact with your eyes, rinse liberally with water and contact a doctor immediately.
- Keep children younger than eight away from the panorama camera and accessories.
- Ensure that children do not push objects into the panorama camera.



Hazardous for children and persons with reduced physical, sensory or mental abilities (including those with partial disability, and the elderly who have limited physical and mental capacity) or who lack the appropriate experience and know-how (such as teenagers).

 This panorama camera may be used by children 8 years or older and persons with reduced physical, sensory or mental abilities or lack of experience or knowhow provided that they are supervised or have been instructed on how to safely use the panorama camera and understand the hazards resulting therefrom. Children must not play with the panorama camera. The camera should not be cleaned or maintained by children without supervision. Keep packaging foil away from children. It may pose a choking hazard.

NOTE!

Danger of material damage!

Incorrect use of the panorama camera may result in damage to the camera.

- Do not leave the panorama camera unattended during operation.
- Never place the panorama camera on or near hot surfaces (e.g. stove tops, etc.).
- Ensure that the USB cable/power supply does not come into contact with hot parts.
- Never expose the panorama camera to high temperatures (heating, etc.). Never pour liquids into the panorama camera.
- Do not use panorama camera if plastic or metal parts of the camera show cracks or ruptures, or are deformed. Replace damaged parts with original spare parts only.
- When cleaning, never immerse the panorama camera in water and do not use steam cleaners. The panorama camera could otherwise be damaged.
- Handle the panorama camera with care. It may be damaged by knocks, impacts or falls from low heights.
- Damage to the electronics, lens or accessories caused by external influences such as impacts, falls or similar is not covered by the warranty and is therefore chargeable.

Getting Started Contents of packaging

A WARNING!

Danger of suffocation!

Packaging material is not a toy. Keep plastic foil and packaging away from babies and small children as they may pose a choking hazard.

- Dispose of packaging material immediately to eliminate the risk of harm to babies and small children.

NOTE!

Danger of damage!

The panorama camera can be easily damaged if the packaging is carelessly opened with a sharp knife or other pointed objects.

- Please open the packaging carefully.
 - 1. Take the panorama camera out of the packaging.
- 2. Check that delivery is complete (see Fig. A).
- 3. Take the panorama camera out of the packaging and check that there is no damage to the device or components. If there is, do not use the panorama camera. Contact the manufacturer's service point indicated on the warranty card.

Preparing the panorama camera

- Remove the packaging material and all protective foil.

Charging

The panorama camera can be charged with an alternating current adapter or a power bank over a USB cable. A charge voltage/current of at least 5V/1A is recommended. The power LED lights up 16 red during charging by means of a USB cable. It goes out when the battery is fully charged.

Introduction - normal operation

On/Off button

- Switch on: Keep the On/Off button 17 pressed for 3 seconds. The green display on the On/Off button 17 flashes for 8 seconds, and 2 signal tones sound. When the video mode LED lights up 13 red, the camera is ready for operation.
- Switch off: Keep the On/Off button 17 pressed for 3 seconds, 3 signal tones sound, and all displays are off.



The panorama camera remains in video mode after switching on (when the device is switched on, the red video mode LED 13 lights up continuously).

Taking a photo

Activate the photo mode button 12 once. A signal tone sounds and the photo mode LED 11 lights up red continuously. The camera is now in photo mode. Press the On/Off button briefly to take a photo 17. The power LED 16 flashes once and 2 signal tones sound. The photo is taken and saved to the memory card.

Recording a video

Activate the video mode button 14 once. A signal tone sounds and the video mode LED 13 lights up red continuously. The camera is now in video mode. Press the On/ Off button briefly to record a video 17. A signal tone sounds and the power LED 16 flashes while the video recording is running. Press the On/Off button 17 again to end the video recording. 2 signal tones sound and the green power LED 16 again lights up green continuously. The recording is made and saved to the memory card.

Switching WiFi on and off

- WiFi on: Press the WiFi button 10 once, the WiFi LED 9
 starts to flash blue rapidly and a signal tone sounds. If the camera's WiFi is already connected, the WiFi LED 9
 lights up blue continuously. Now go to the WiFi settings on your smartphone and connect the smartphone with the camera's WiFi (SSID: Maginon View 360). The WiFi password for connecting the camera is "87654321". The WiFi LED
 slowly flashes blue after successful connection of the camera.
- WiFi off: To deactivate the WiFi, press the WiFi button 10 again. The WiFi LED 9 goes out and the camera no longer sends a WiFi signal.

Battery display

If the panorama camera's battery has a low charge, the photo mode LED 11 flashes red continuously. In such case, please connect the panorama camera to the USB power supply 4 provided to charge.

Charging the internal battery

The power LED **16** lights up red when the panorama camera is connected to a USB charging device. The red LED goes out when the battery is fully charged. You can charge the panorama camera by using a USB power supply unit, a USB connection on your computer or with a power bank.

Reset

To turn off or reset the camera in the event of a problem, insert a thin object (e.g. a paper clip) into the opening of the reset button **15**. The camera will be turned off. Then turn the camera on again.

WiFi reset

Should the camera's WiFi password be changed, you can reset the password by using the WiFi reset in the factory setting ***87654321**". With the camera off, press the WiFi button **10** and the On/Off button **17** at the same time. The green power LED **16** flashes until the camera is fully switched on.

Using the Maginon View 360 App

The panorama camera can be connected to the WiFi of your mobile device and controlled by using the **Maginon View 360** app directly from any location within the panorama camera's WiFi range. The Maginon View 360 has a userfriendly user interface which enables you to control the basic settings of your panorama camera easily, such as start photo or video recording, change display modes, etc. In addition, you can control further configurations, such as live transmission, WiFi settings, etc.



The Maginon View 360 app is compatible with Android 5.0 or higher and iOS8 or higher. The Maginon View 360 app can be purchased in the Apple Store or downloaded from Google Play.

Installation of the Maginon View 360 app

1. Download the **Maginon View 360** app in accordance with the instructions for your mobile device.







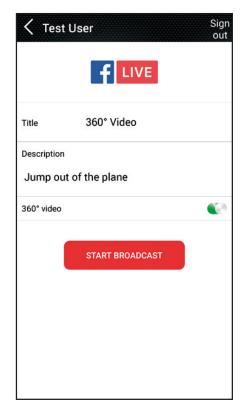


- 2. Open the **Maginon View 360** app and connect your mobile device to the panorama camera's WiFi.
 - Camera name (SSID): Maginon View 360
 - WiFi Password: 87654321

Live streaming settings for Facebook

- 1. Install the Maginon View 360 app on your mobile device.
- 2. Connect your mobile device to an available WiFi network or your mobile Internet.
- 3. Open the **Maginon View 360** app, allow connection to the network selected earlier by tapping **"OK"**, and tap on the broadcast symbol **(**) in the upper left-hand corner, and then select **"Stream to Facebook"**.
- 4. Enter a title and activate the "360 Video" button, then tap on **"Start broadcast"**.
- 5. When the page **"Post on Facebook"** is displayed, press OK. Select "Cancel" when you are requested, in order to reconnect to your WiFi. The app will now initiate connection to the panorama camera.

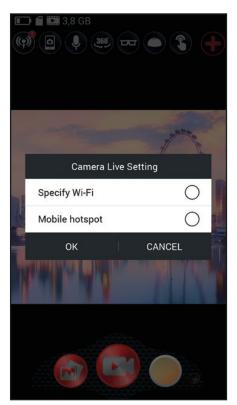
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f Pos	t to Facebook
Faceboo Magino	w 360 would like to post to bk for you. Who can see in View 360's posts on your Timeline?
Not Now	ок



Camera settings

- 1. Switch the panorama camera on and then activate the camera's WiFi.
- 2. This will connect your mobile device to the panorama camera's WiFi (SSID "Maginon View 360"). Open the app again and confirm the connection to the panorama camera's WiFi. Tap on the broadcast symbol . Select the platform option "Use last setting" or "Start broadcast again", and enter the credentials of the WiFi or mobile Internet to be used for the transmission. The panorama camera will use this WiFi or mobile Internet automatically for the transmission and turn off its own WiFi. Then click on "OK" or "Confirm".





3. The mobile device will be re-connected to an available WiFi. If this does not happen, establish a connection to a network manually and open the app again. Tap on the transmission symbol @. If the line **"On Air"** becomes red and flashes, you are transmitting. To stop, press the **"Stop broadcast"** button. To start again, click on **"Setup"** in the upper righthand corner and delete the last broadcast.

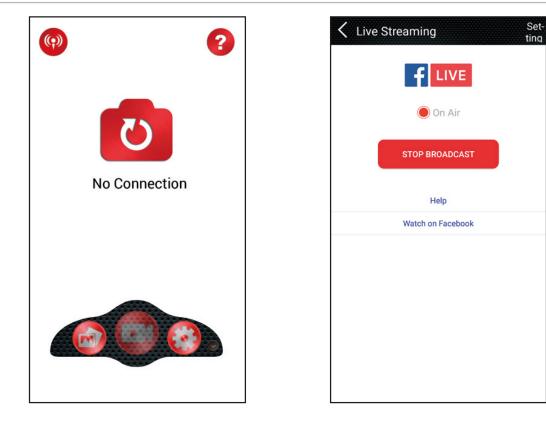


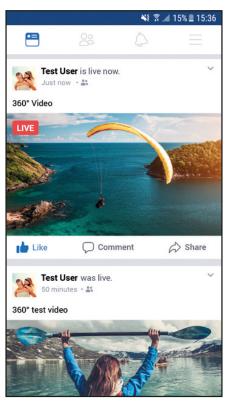
If the live transmission has finished, press **STOP** in the app, to end the transmission and then switch the panorama camera off.



Please note that the most up-to-date versions of the latest Internet browsers are needed to view 360° videos.

Getting Started





Live streaming settings for YouTube

- 1. Install the Maginon View 360 app on your mobile device.
- 2. Connect your mobile device to an available WiFi network or mobile Internet.
- 3. Open the Maginon View 360 app, tap on the **"New stream"** button in the **(**) upper left-hand corner and select **"Stream to YouTube"**.
- 4. Enter a title and activate the "360 Video" button, then tap on **"Start broadcast"**.

	You Tube	
Title	360° Video	
Description		
Jump out	of the plane	
Privacy	public	
Resolution	1080p	
360° video		
	START BROADCAST	

5. Select **"OK"** to complete. Select **"Cancel"** when you are requested, in order to re-connect to your WiFi network.

Camera settings

- 1. Switch the panorama camera on and then activate the camera's WiFi.
- 2. This will connect your mobile device to the panorama camera's WiFi (SSID "Maginon View 360"). Open the app again and confirm the connection to the panorama camera's WiFi. Tap on the transmission symbol (20) on the front. Select the platform option "Use last setting" or "Start broadcast again", and enter the credentials of the WiFi or mobile Internet to be used for the transmission. The panorama camera will use this WiFi or mobile Internet automatically for the transmission and turn off its own WiFi. Then click on "OK" or "Confirm".
- 3. The mobile device will be re-connected to an available WiFi. If this does not happen, establish a connection to a network manually and open the app again. Tap on the transmission symbol @. If the line **"On Air"** becomes red and flashes, you are transmitting. To stop, press the **"Stop broadcast"** button. To start again, click on **"Setup"** in the upper righthand corner and delete the last transmission.



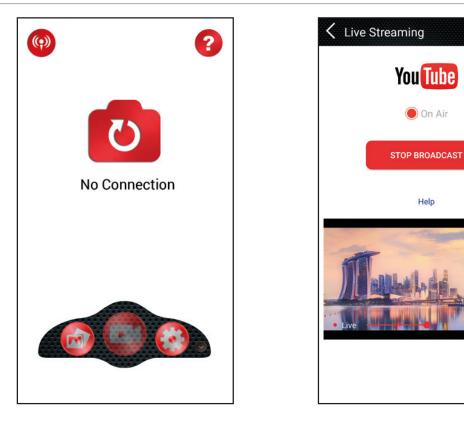
If the live transmission has finished, press **STOP** in the app, to end the transmission and then switch the panorama camera off.



Please note that the most up-to-date versions of the latest Internet browsers are needed to view 360° videos.

Getting Started

Setting

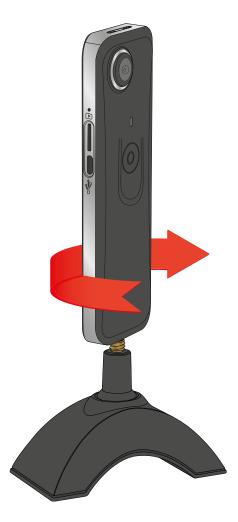




Mounting the camera and holder

Secure the panorama camera to the table tripod by turning the camera with the tripod socket in a clockwise direction on the screw of the pedestal. Take care not to over-turn the socket! To release the panorama camera, turn it in an anti-clockwise

direction from the screw.



Trouble-shooting

The camera does not switch on:

Check that the camera's battery is sufficiently charged.

The camera does not switch off:

Reset the camera by using the reset function and re-start the camera.

WIFI cannot be activated on the camera:

Check that the camera's battery is sufficiently charged.

A USB connection to the PC cannot be established:

Please turn the camera's WiFi off.

No photos or videos can be recorded:

Check that a memory card has been inserted into the camera, or replace the memory card.

Recorded videos are not running smoothly:

Use a memory card with Class 10 speed.

No connection can be established to the app:

Check that the camera's WiFi is activated and that the camera is connected to the smartphone's WiFi.

Photos and videos are blurred or appear "foggy":

Check that the camera lens is not dirty.

Technical specifications

Model:	Maginon View 360
Type of camera:	Full-spectrum camera
Sensor:	2 x 2 MP CMOS sensor
Photo resolution:	8 MP (4,000 x 2,000 interpolated), 5 MP (3,200 x 1,600 interpolated), 3 MP (2,592 x 1,296)
Video resolution:	2048 x 1024 (30fps)
Lens:	2x 210° super wide-angle lens Aperture F = 2.0 Focal length f: 0.88 mm
Detection angle of lens:	210°
Memory card capacity:	Supports MicroSD card up to 32 GB (min. Class 10 or faster)
Formats:	Photo: JPG Video: MP4
WiFi security:	WPA, WPA-PSK, WPA2, WPA2-PSK, WEP
WiFi standards:	802.11 b/g/n
Frequency Range:	2.400 - 2.4835 GHz
Max. radio frequency:	WiFi: 802.11 b@11 Mbps 16±2 dBm
Connections:	Micro USB connection
Power supply:	1300 mAh lithium-ion battery
Operating temperature:	0°C to +40°C
Ambient temperature:	-20°C to +60°C
Ambient humidity:	90 %
Battery run time:	Up to 120 minutes with fully charged battery (without WiFi, 2048 x 1024 / 30fps)

Power supply:	Model: 4ACT-UB Manufacturer: Lucent trans Input voltage: AC 100 ~ 240 V, 50 / 60 Hz, 0.2 A max Output voltage: 5 V1A
Dimensions:	137 x 45 x 14 mm
Weight:	83 g



Design und technical specification are subject to change.

Potential legal infringements

Please familiarise yourself with the laws on copyright, photographic and video recording in public, etc. applicable in your country before using the panorama camera. In using the panorama camera, you should be aware of the following:

Copyright

In general, every person owns the copyright to his/her own image. According to copyright law, images may only be published without the consent of the person concerned if the person only appears as a complement to a landscape image or other locations. The answer to the question of whether a person is a complement depends on the individual circumstances. For reasons of legal certainty, information should be given in all cases in which images are taken with the panorama camera from which persons can be identified.

Simplified EU conformity declaration

Hereby, supra Foto-Elektronik-Vertriebs-GmbH declares that the radio equipment type Maginon Panorama camera View 360 is in compliance with:

Directive 2014/53/EU (RED Guideline)

Directive 2011/65/EC (RoHs Guideline)

The full text of the EU declaration of conformity is available at the following internet address:

http://www.maginon.com/website/service/downloads/ eu-konformitaetserklaerungen/

supra Foto-Elektronik-Vertriebs GmbH Denisstr. 28 A, 67663 Kaiserslautern, Germany

Storage

When the panorama camera is not in use, please disconnect the camera from the power supply and store it in a clean and dry place out of the reach of children.

Cleaning



Burn hazard!

The panorama camera becomes hot during operation!

Let the camera cool down completely before cleaning it!

NOTE!

Danger of short circuit!

Water entering the housing may cause the device to short circuit.

- Never immerse the panorama camera in water.
- Ensure that no water enters the housing.

NOTE!

Danger from incorrect operation!

Incorrect use of the panorama camera may cause the camera to be damaged.

 Do not use very strong cleaners, brushes with metal or nylon bristles, or sharp or metallic cleaning objects, such as knives, hard spatulas and similar. These items may damage the surface of the device.

- Never place the panorama camera in a dishwasher. Doing so would destroy it.
- 1. Disconnect the mains supply prior to cleaning.
- 2. Let the camera cool down completely.
- 3. Wipe the camera with a slightly damp cloth. Let the camera cool down and then dry it thoroughly.

Disposal

Disposal of packaging



For disposal, separate the packaging into its different types. Cardboard and paper packaging may be recycled, foil packaging should be discarded.

Disposal of used devices

(Applicable in the European Union and other European countries using systems for separate collection of recyclables)



Do not dispose of used cameras in household waste!

If the panorama camera can no longer be used, each consumer is **legally obliged to dispose of used cameras separately from domestic waste**,

e.g. at a collecting point of the municipality/district. This ensures that used equipment will be recycled correctly and prevents any associated negative environmental impact. For this reason, electrical equipment is marked with the symbol shown here, and is subject to Guideline 2012/19/EU. Do not remove the battery from the power bank. Take the panorama camera complete (with the battery/power pack) and with no charge to the collection point.



Batteries and power packs may not be disposed of in domestic waste! As a consumer, you are legally obliged to correctly dispose of all batteries and power packs irrespective of whether they contain contaminants or not, at a collection point

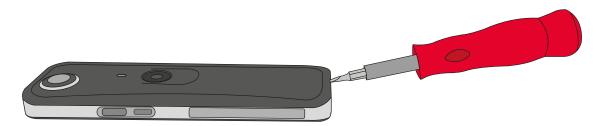
of your municipality/council or in shops, in order to ensure an environmentally friendly disposal.

*marked with: Cd = Cadmium, Hg = Mercury, Pb = Lead

Disposal

Removing the battery for disposal

Loosen the two cross screws on the underside the panorama camera. Now insert a screwdriver between the black housing and the silver frame and start to lever up the housing from the underside of the camera. The covering is secured by several clips on the frame. The battery is located in the lower part of the camera. Remove it from the cabling and dispose of it in the proper manner.





Use gloves while removing the battery, to protect yourself against any escaping battery acid, or similar.

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.



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