

ORIGINAL
SEISSIGER
WILDKAMERA®

USER INSTRUCTION MANUAL

SEISSIGER Pro-Cam LTE
SUPERSIM - Edition





WHAT'S INCLUDED

- SEISSIGER Pro-Cam LTE SUPERSIM-Edition
- Battery compartment for AA batteries
- Battery compartment for 18650 Li-Ion battery
- 6x 18650 Li-Ion battery 3.7V
- SUPERSIM prepaid multi-network card with €5 starting credit
- 32 GB SDHC memorycard
- Camouflage antenna
- Tree strap
- Tree stand
- USB-Type-C adapter



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PRODUCT OVERVIEW

ANTENNA CONNECTOR

Do not remove
the sealing ring!

LENS

MOTION SENSOR

CONNECTOR COVER
for external power supply

BLACK FLASH
invisible 940 nm

MICROPHONE

CLOSURE

1/4"-20 CAMERA THREAD



1. Colour TFT screen
2. SIM card slot
3. SD card slot
4. Main switch

5. Control buttons
6. Battery compartment* for 18650 Li-ion batteries
7. Battery compartment screw

*There is a recess beneath the battery compartment for a GPS tracker. An AA battery compartment is also included.

MAIN SWITCH & CONTROL BUTTONS

MAIN SWITCH „ON/SET UP/OFF“

ON: Camera is operational.

SET UP: The camera is in Preview mode (Live View). The screen displays what the camera is currently capturing. You can also access the menu from this screen by pressing the  button.

OFF: Camera is off.

CONTROL BUTTONS - can only be operated in switch position SET UP

The  button is used to access the settings menu when the camera is in preview mode.

The "Arrow" buttons help you navigate between menu items and adjust the settings.

The "OK" button allows you to save your changes and play videos in preview mode.

The "Play" button is used to view photos and videos, while the "Del" button is used to delete photos and videos or to remove characters when entering information.

QUICK SETTINGS (SHORTCUTS) - only in preview mode

Press the  button to switch to video mode and the  button to switch to camera mode. The "OK" button allows you to manually trigger the capture of photos or videos and send them.



ESTABLISHING OPERATIONAL READINESS



SCAN THE QR CODE to watch a step-by-step video explaining how to set up and operate the camera.

CHARGING THE BATTERIES:

Before using the camera for the first time, fully charge the batteries. Li-ion batteries can self-discharge over time, particularly during storage.

1. Insert the supplied charging adapter into the external power input on the underside of the camera.
2. Connect the adapter to a mains socket using a standard USB-C cable and a USB power adapter.

A full charging cycle via the camera takes at least 20 hours. Alternatively, we recommend the optional SEISSIGER 6-slot battery charger, which allows all batteries to be charged simultaneously and safely (charging time: at least 2 hours, depending on the battery charge level).

ACTIVATE THE SIM CARD & SET UP THE CAMERA IN THE SUPERSIM PORTAL:

If you already have a SUPERSIM account, start with step 2.

1. Register on <https://my.supersim.camera> to create a user account.
Confirm your registration via the verification link.

2. Sign in to <https://my.supersim.camera> and select the "Cameras" tab.
Create a new camera and use the SIM number on the back of your SIM card.
3. If you don't have the SUPERSIM app yet, download it from the App Store or Google Play and log in using your credentials from the SUPERSIM portal.

PREPARING THE CAMERA FOR USE:

1. Make sure the main switch is in the OFF position.
2. Insert the SIM card and align it according to the card symbol on the camera body for correct orientation. The camera comes with an already inserted SD memory card.
Please note that the camera supports SD memory cards up to 32GB with a write speed of at least Class 10. Make sure the SD memory card is not manually write-protected (check the small slider on the card).
3. Remove the protective cover from the antenna connection on the camera.
Screw the antenna into the antenna port onto the rubber ring.

CAUTION:

Do not overtighten the thread, as this may allow moisture to enter the camera!

ESTABLISHING OPERATIONAL READINESS

4. Set the main switch to "SETUP". The camera is now in preview mode and will start searching for a mobile network.
5. Setting the date and time:
To set the date and time, press the  button and use the  arrow button to navigate to the System (gear) icon. Use the  arrow button to select "Clock", then press the "OK" button to confirm. Use the arrow buttons to set the date and time, then press the "OK" button to save your settings.
6. Formatting the SD card:
You are still in the camera's system settings (gear icon). Use the  arrow button to navigate to "Format". Once selected, press the "OK" button. Use the arrow button to select "Yes", then press the "OK" button again to confirm. Exit the system settings by pressing the  button to return to the main camera settings categories.
7. Performing a Full Scan at the installation location:
Use the  arrow button to navigate to the LTE icon, then press the  arrow button until you reach "Full Scan". Confirm your selection by pressing the "OK" button. The Full Scan will start, and "Full Scan please wait..." will be displayed on the screen. Please note that the scan may take several minutes depending on the location. During the scan, the screen will display "Full Scan:" followed by a number combination, for example "26201,7". Once completed, "Full

Scan completed” will appear on the screen and the camera will be ready for use. It is recommended to perform a Full Scan every time the camera is moved to a new location.

8. Taking a manual photo:
After completing the Full Scan, the camera will be in Preview mode. To take a manual photo, press the "OK" button. Confirm sending the photo by pressing the "OK" button again. You will then receive a push notification in the SUPERSIM app.
9. Installation:
To install the camera correctly, secure it at the desired location using either the supplied tree strap or tree mount. Make sure to follow the instructions in the section “Correct installation to avoid false triggers” on page 26 to prevent false triggers.
10. Set the main switch to the "ON" position.

MENU NAVIGATION

Set the main switch to the SETUP position and press the  button. Use the arrow buttons     to make the desired changes and save them by pressing the OK button. There are four main menu items, represented by icons:

„**Camera**“ (icon: SD card), „**Trigger**“ (icon: stopwatch), „**System**“ (icon: gear) and „**LTE**“ (icon: LTE).

CAMERA SETTINGS

Mode:

Select whether the camera should capture photos, videos, or photos and videos simultaneously.

Photo size:

Select the resolution of the photos that are saved on the SD memory card:

- 5MP (2,592 × 1,944 Pixel/5,038,848 pixels)
- 8MP (3,200 × 2,400 Pixel/7,680,000 pixels)
- 10MP (3,648 × 2,736 Pixel/9,980,928 pixels)
- 12MP (4,032 × 3,024 Pixel/12,192,768 pixels)
- 24MP (6,000 × 4,000 Pixel/24,000,000 pixels)

MP=Megapixel

Burst photos:

Number of photos taken when the camera is triggered:

- 1, 2, 3, 4, 5 or 10 photos (at 5–12 MP)
- 1 or 2 photos (at 24 MP)

Under "Number To Send", you can select which photo will be sent.

Video resolution:

Select the video resolution for videos stored on the SD card.

- 2K (2,048 × 1,080 pixels)
- Full HD 1080P (1,920 × 1,080 pixels)
- HD 720P (1,280 × 720 pixels)
- WVGA (800 × 480 pixels)

The recommended setting is "HD 720P"

Video length:

Select the desired video length:

- 3, 5, 10, 15, 30, 45 or 60 seconds

MENU NAVIGATION

Video format:

- MP4
- MOV

Video sound:

Select whether videos should be recorded with or without sound.

TRIGGER SETTINGS

Motion sensor:

Select the sensitivity of the motion detector (PIR / Passive Infrared Sensor):

- "Normal", "High", "Low" und "Off"

PIR delay:

This is the time delay between detecting an object and triggering the camera:

- 2, 5, 10 seconds or "Off"

Trigger interval:

Set the pause time after each trigger. During this period, the motion sensor is inactive:

- 0, 30 seconds, 1, 2, 3, 5, 10, 30 oder 60 minutes

Time lapse:

Here you can set whether the camera should trigger automatically at a defined interval, regardless of whether motion is detected. If the motion sensor sensitivity is not set to "Off" at the same time, the camera will also be triggered by movement:

- "Off", 30 sec., 1/3/5/10/30 min., 1–6/8/12/24 hours

Start-Stop 1 and 2:

Set a time period during which the camera should be active and trigger recordings. Outside the configured time period, the camera will not take any recordings. If you use both Timer 1 and Timer 2, make sure that the two time windows do not overlap.

Work day:

Use this setting to select the days of the week (Monday to Sunday) on which the camera should operate. By default, the camera is enabled on all days.

MENU NAVIGATION

SYSTEM SETTINGS

Clock:

Set the date and time.

Time Zone:

Set the time zone in which the camera is located:

- 1: MESZ winter time
- 2: MESZ summer time

Auto Time:

When enabled, the camera automatically retrieves the date and time at regular intervals.

Camera ID:

Here you can assign a camera name with up to 7 characters (e.g. Suhle). The name will be displayed in the image stamp of the recording.

Time Stamp:

Set whether your images should include a timestamp. The timestamp displays the trigger type, date, time, temperature, moon phase and, if applicable, the camera name and battery status at the time of each recording.

Format:

Irreversibly deletes all files stored on the SD memory card.

Overwrite:

When this function is enabled, the oldest recordings are replaced by new ones when the SD card is nearly full.

Default:

Reset all settings to the factory defaults.

Information:

Displays the module type, hardware version (HW), firmware version (FW) and, if the camera has previously been online, the camera's individual IMEI number.

Password:

Set a six-digit numerical password to protect access to the menu.

Language:

Select the menu language (German or English).

Beep:

Turn the key tone on or off.

MENU NAVIGATION

Update from SD:

Perform a manual update via the SD card.

(The update must be downloaded to the SD card beforehand.)

Check Firmware:

Manually check the installed firmware version. If a newer update is available, it will be installed automatically by the camera.

LED Indicator:

Enable or disable the flashing of the green indicator light.

Battery Type:

Select the correct power supply type for the camera:

- "Li" for 18650 Li-Ion batteries
- "AA" for AA batteries

LTE SETTINGS

Send Mode:

Select whether recordings should be sent "Instant", not sent at all "Off", or only sent as a daily report "Daily report". Select "Instant" and press the "OK" button to set a limit for the number of images sent per day. The following applies: 0 = unlimited

Send To:

Do not change these settings. They are already preconfigured.

SMS Control:

Enable remote control to request an immediate photo/video trigger via the “Trigger recording” function in the app. Note: Power consumption will increase.

Image Quality:

Set the size of the image (Photo mode) to be sent:

- VGA (640x480 pixels)
- 1.2M (1,280x960 pixels)
- Original

Video Quality:

Set the size of the video (Video mode) to be sent:

- Sub video – The transmitted video quality is reduced. When recording in 2K, the transmitted video is HD 720p. When recording in Full HD, the transmitted video is WVGA.
- Original

Full Scan:

Perform a network scan to allow the camera to connect to the strongest available mobile network.

Note: The selected image size and video quality affect the cost per recording.

POWER SUPPLY

Only use batteries or rechargeable batteries that are identical, undamaged and have the same charge level. The battery level symbol in the image stamp indicates the voltage: 3 bars = full, no bars = empty. Data transmission may already be affected when the battery level is only half full.

AA BATTERIES/RECHARGEABLE BATTERIES

Use standard AA batteries (1.5 V) or AA rechargeable batteries with 1.2 V and at least 2,500 mAh. AA rechargeable batteries with 1.6 V are also fully suitable. Insert 12 cells (recommended), 8 cells or at least 4 cells (emergency operation).

18650 LI-ION RECHARGEABLE BATTERIES

Only use 18650 Li-ion rechargeable batteries with a protection circuit and a length of 67–70 mm. Flat-top models are not suitable. For optimum performance, we recommend SEISSIGER rechargeable batteries. Insert 6 batteries (recommended), 4 batteries or at least 2 batteries (emergency operation).

ADAPTER INSTALLATION

The camera is equipped with an adapter for 18650 rechargeable batteries. If you want to use the supplied AA battery adapter, you can install it easily. Loosen the screw on the bottom of the adapter and carefully remove the adapter from the retaining tabs around the screw. Insert the AA battery adapter by first inserting the upper edge, then press the adapter downwards. Tighten the screw again.

Important: After changing from rechargeable batteries to batteries, the battery type must be changed to "AA" in the camera's system settings.

EXTERNAL POWER SUPPLY

In addition to using batteries/rechargeable batteries, the camera can be connected via a DC connection cable to an external 6 V power supply (SEISSIGER battery pack or solar panel) to charge the rechargeable batteries inserted in the camera or to power the camera directly.

POWER SUPPLY VIA MAINS ADAPTER

The camera can be operated with a 6 V mains adapter. If you require a suitable mains adapter, you can find one in our online shop.

NOTE

The battery adapter and rechargeable battery adapter each have 3 power circuits, marked with the numbers 1, 2 and 3. When using an external power supply, it is recommended to always keep a backup power supply in the camera (either 4 batteries or 2 rechargeable batteries) to prevent possible failures.



ANTI-THEFT PROTECTION

To protect your camera from theft, we recommend setting a password in the camera settings. The password prevents the camera settings from being changed, making the camera unusable without the password. The password can only be reset by our service team.

ACTIVATING THE PASSWORD

Set the main switch to SETUP, press the  button and use the  arrow button to navigate to the gear icon. From there, use the  arrow button to select Password. Use the  arrow button to set the option to "On" and confirm by pressing the "OK" button. Enter your password using the arrow buttons and confirm your entry by pressing the "OK" button.

You can secure the camera using a steel housing and cable lock available from our online shop. Mount the camera higher above the ground to prevent it from being easily removed. You also have the option of installing a GPS tracker inside the camera. In the event of theft, please contact us so that we can create a loss report in our system. We will be notified if someone attempts to activate your stolen camera.



TECHNICAL SPECIFICATIONS

CAMERA MODE	Photo, Video or Photo & Video
PHOTO RESOLUTION	5MP (2,592 x 1,944 pixels), 8MP (3,200 x 2,400 pixels), 10MP (3,648 x 2,736 pixels), 12MP (4,032 x 3,024 pixels) or 24MP (6,000 x 4,000 pixels)
PHOTO FORMAT	JPEG
BURST PHOTOS	1, 2, 3, 4, 5 or 10 photos (5-12MP) and 1 or 2 photos (24MP)
VIDEO RESOLUTION	WVGA (800 x 480 pixels), HD 720P (1,280 x 720 pixels), Full HD 1080P (1,920 x 1,080 pixels) or 2K (2,560 x 1,440 pixels)
VIDEO FORMAT	MP4 or MOV
VIDEO LENGTH	3, 5, 10, 15, 30, 45 or 60 seconds (recorded on the SD card) 3–30 seconds (transmission mode; depends on video size)
AUDIO RECORDING	Selectable in Video mode
TRIGGER	Motion sensor (PIR), time-lapse or app remote control
TRIGGER DELAY	2, 5 or 10 seconds
TRIGGER TIME	0.4 seconds

TRIGGER INTERVAL	0 seconds–60 minutes
TIME-LAPSE INTERVAL	30–60 seconds / 1–60 minutes / 1–8 hours / 12 hours / 24 hours
SENSOR PAUSE	0, 0.5, 1, 2, 3, 5, 10, 30 or 60 minutes
FLASH	Infrared LEDs (940 nm, invisible)
FLASH RANGE	Up to 20 m
PIR RANGE	Up to 25 m
PIR SENSITIVITY	Adjustable: Normal / High / Low / Off
DISPLAY	2.0" LCD (approx. 5 cm screen diagonal)
FIELD OF VIEW	FOV (Field of View) = 58°
SD CARD CAPACITY	Supports SD cards up to 32 GB
TEMPERATURE	Operating temperature: –25 °C to +60 °C Storage temperature: –30 °C to +70 °C
OPERATING HUMIDITY	5%-90%

TECHNISCHE DATEN

MOUNTING THREAD	¼-20 camera thread
PROTECTION RATING	IP67
POWER CONSUMPTION	< 0.19 mA (remote control off), 2–3 mA (remote control on)
POWER SUPPLY	Internal: 6 × 18650 Li-ion rechargeable batteries 3.7 V (3,000 mAh), 12 × AA batteries (1.2–1.5 V; alkaline or lithium) External: 6 V DC input
WEIGHT	450 g (0.45 kg)
DIMENSIONS	15.5 x 12.2 x 7.7 cm



CORRECT INSTALLATION TO PREVENT FALSE TRIGGERS

1. Avoid direct sunlight by not pointing the camera south or directly at the ground.
2. Remove any branches, bushes, or other vegetation in front of the camera that may move.
3. Do not mount the camera on thin branches or slender trees, as movement may cause false triggers.
4. Install the camera at a height of approximately 1.5 metres above the ground, as this is the recommended height for optimal illumination.

OPERATING INSTRUCTIONS

Do not use low-quality batteries or mix batteries with different charge levels.

Clean the camera seal regularly to help prevent moisture from entering the device.

If the rechargeable batteries or batteries are low, the recorded video may be shorter than the selected recording length (for example, if 20 seconds is set, only a few seconds may be recorded and

saved). Replacing the rechargeable batteries or batteries will resolve this issue. Data transmission may also be limited even when the batteries still appear to be partially charged.

If you have any further questions, our customer service team will be happy to assist you.

EU DECLARATION OF CONFORMITY

Anton Seissiger GmbH hereby declares that the CE marking affixed to this product complies with the essential requirements and other relevant provisions of the following European Directives:

2011/65/EU RoHS-Directive

2014/30/EU EMV-Directive

The EU Declaration of Conformity is available at: www.seissiger.com

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