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immer und überall  
im Bilde



Remote monitoring with app for Android/iOS



Quick operating instructions

## stabo multifon security V

HD video monitoring system

Art. no. 51136 & 51137



For up to 4 cameras

### Important

Read all operating instructions carefully and completely before using the device. Keep these operating instructions in a safe place as they contain important information on how to use the device.

### stabo is environmentally friendly

In order to contribute to saving trees and reducing paper waste, the detailed operating instructions with care and warning instructions as well as warranty information can only be found online:

<https://stabo.de/links/bda/multifon-security-v>

➔ **Note:** When aligning and operating the camera, please ensure that you do not bring any neighbouring or public areas into view!

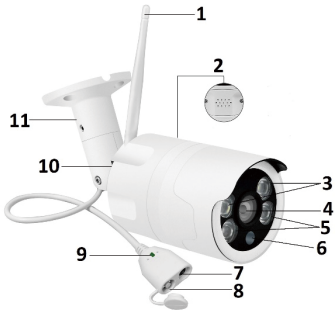
➔ **Note:** Due to the fact that the product and the software are continually updated, there may be a discrepancy between the operating instructions and the app interface. All instructions are dependent on the actual user interface.

### In the box

- 7" HD colour monitor LCD, antennas
- Plug-in power supply unit (12V DC/ 2.0A)
- Weatherproof outdoor camera (IP66), antenna
- Plug-in power supply unit (12V DC/ 1.0A) with 3 m cable
- USB mouse with cable
- RJ45 network cable
- Brief operating instructions (German/English)
- Assembly material

Before using the devices, check for external damage. If there is external damage, do not use the product, but contact your specialist retailer immediately.

## The camera at a glance



### **1 Antenna**

To ensure the optimum range, the antenna should be positioned vertically.

### **2 Loudspeaker**

For 2-way audio.

### **3 2x white high-power LEDs**

The two LEDs enable coloured night vision.

### **4 Lens**

Keep the lens clean and free from obstructions to get a clear and sharp image.

### **5 2x high-power infrared LEDs**

The two IR LEDs allow a black and white image to be generated in poor lighting conditions.

### **6 Light sensor**

The light sensor automatically activates/deactivates the night vision function.

### **7 DC IN socket**

Connect the power supply cable (OUTPUT 12V DC/ 1A) here.

### **8 Reset key**

Resetting the camera to factory settings.

### **9 Operating and status LED (green)**

Flashes: Configuration mode, connection to the monitor is established.

Lights up continuously: Connection to the monitor is established.

### **10 Microphone**

For 2-way audio.

### **11 Camera bracket with screws**

For assembling the camera flexibly.

## The monitor at a glance



### **1 Antennas**

To ensure the optimum range, the antenna should be positioned vertically.

### **2 Microphone**

For 2-way audio

### **3 Micro SD card slot (storage capacity max.128GB)**

For storing recordings

### **4 Hard disk compartment with cover (storage capacity max.6TB)**

For storing recordings

### **5 HDMI connection**

A monitor or a TV set with HDMI input can be connected to this output.

### **6 LAN connection (RJ45)**

To establish a wired connection to the network

### **7 USB 2.0 Port**

Connection for the USB mouse.

### **8 DC IN socket**

Connect the power supply cable (OUTPUT 12V DC/ 2A) here.

### **9 Loudspeaker**

For 2-way audio.

### **10 Power key**

Switching the monitor on/off.

➤ **Note:** A hard drive or micro SD card is required for storing recordings (manual, motion detection or schedule).

#### Installation of a hard disk (2.5" SATA hard drive, max. 6TB)

➤ **Note:** The height of the hard disk must not exceed 7 mm.

➤ **Note:** Disconnect the monitor from the mains before installing the hard drive.



1. Remove the four screws and take off the cover.
2. Connect the power cable and the data cable to the hard drive.
3. Place the hard disk in the hard disk compartment.
4. Replace the cover and secure it with the 4 screws.

#### Inserting a micro SD card (storage capacity max. 128 GB)

Slide the micro SD card into the micro SD card slot with the contacts facing the monitor until the card is locked in place.

#### Commissioning and assembly of the monitor and camera

➤ **Important notes:** First assemble the monitor and camera provisionally and check whether reliable radio transmission is guaranteed at the intended place of use. Also check that the desired monitoring area is fully covered.

#### Camera

➤ **Important notes:** Consider the following points when selecting a place to assemble the camera:

**Range:** It's best to have a clear line of sight between the camera and the monitor. Walls, steel and concrete shorten the range.

**Lighting situation:** The camera should not be pointed directly at strong light sources/sunlight as this can overexpose the image.

**Power supply:** The camera's power supply unit must not be exposed to outdoor elements! The plug connection of the power supply cable must be protected so that no moisture can get into the connection.

#### Assembly

Screw the antenna onto the antenna socket.

The camera bracket is suitable for ceiling or wall assembly. Install the camera provisionally first and check that the desired monitoring area is fully covered before drilling holes for the camera bracket! Ensure that there are no cables/wires in the wall at the location that could be damaged during drilling!

Mark the desired position of the screw holes using the camera bracket as a template.

Drill the assembly holes and fix the bracket with the dowels and screws provided.

To adjust the horizontal and vertical alignment of the camera, loosen the three Allen screws with the enclosed Allen key to loosen the camera base.

Now move the camera to the desired position and angle. Then tighten the Allen screws to fix the position.

Plug the power supply unit (**12V DC/1A**) into a 230 V socket and connect the plug to the DC IN socket of the camera.

**Note:** The operating LED flashes as soon as the connection between the camera and the monitor is established, then the operating LED lights up continually.

## Monitor

Place the monitor on a non-tilting, level surface and adjust the screen according to the viewing angle.

Place the two antennas in a vertical position.

Connect the USB mouse to the USB connection

If you want to access the system via smartphone, you can connect the monitor and your home network using a LAN cable.

Plug the power supply unit (**12V DC/2A**) into a 230 V socket and connect the plug to the DC IN socket of the monitor.

**Note:** The monitor and camera are already connected at the factory.

**Note:** Each additional camera (optionally available), on the other hand, must be connected to the monitor individually.

## Commissioning

After connecting the power supply, the monitor switches on automatically and a single confirmation tone is heard.

After approx. 25 seconds, the start menu opens where you can set some system settings.

## Start menu

- **Select menu languages** (factory setting is German) then click *Next page*.

- **Connect the monitor to the home network.** Click on the name of your router in the hotspot list, enter the password and click on Connect. A tick behind the name of your router indicates that the monitor is connected to the router.

**Note:** If you want to make this setting later, click *Next Page* instead of the name of your router.

- **Time setting** Set the time zone (factory setting +01:00 Amsterdam, Berlin, Paris) then click *Next Page*.

- **Change password** The monitor is delivered without an assigned password. Enter your password in the New password line and in the Confirm password line and then click *OK*.

**Note:** If you want to make this setting later, do not enter a password and click *OK*.

- **QR code** You can download the Pano360S pro app with the QR code scan code download app. You need the QR code ID to install the monitor using the app. Click on *Done* and the live image of the camera appears on the monitor.

**Note:** If you want to see the live image of the camera first, click *Next Page*, *OK* and *Done* for the individual menu functions.

## Technical data

### Monitor

Display type	7" (17.8 cm) HD LCD colour monitor
Display resolution	1280x800p HD
Aspect ratio	16:9
Radio transmission	Digital radio technology (2.4 GHz) for a secure connection
Video compression	H.265
Video input	4 channels
Video resolution	720P/1080P/ 3MP
Recording Frame Rate	15–20 fps @ 3MP for each channel
Video recording	Manual, time, movement
Audio	2-way audio with microphone and loudspeaker
Hard disk	1x 2.5" SATA interface (up to 6 TB)
Micro SD card	max. 128 GB
External interfaces	1x LAN RJ45, 1x WiFi, 1x HDMI, 1x USB (2.0)
Network control/ protocol	UPnP (Play&Plug)/SMTP (e-mail dispatch)/PPPoE (dial-up) DHCP (Obtain IP address automatically) etc.
App	Pano360S pro+ for Android and iOS
Operating voltage	DC 12V / 2A
Power consumption	≤ 5W (without hard drive)
Temperature range	0° to 55°C
Humidity	10 – 90%
Dimensions	223 x173 x79 mm
Weight	676 g

### Camera

Camera type	Wireless colour camera (3MP)
Image sensor	1/3" Progressive Scan Sensor
Lens	F: 2.8 mm
Viewing angle	110° wide angle
IR LEDs	2x white LEDs, 2x array IR LEDs Night vision 15- 20 mtr.
Video compression	H.264
Video resolution	2304x1296p @15-20fps
Audio	2-way audio with microphone and loudspeaker
Protection class	IP66
Operating voltage	DC 12V / 1A
Power consumption	≤ 6W
Temperature range	-10° to 60°C
Humidity	< 95%
Dimensions	190 x Ø65 mm
Weight	334 g

### Simplified EU Declaration of Conformity

stabo Elektronik GmbH hereby declares that the radio system type  
stabo Multifon Security V  
complies with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet address:  
<https://stabo.de/links/doc/multifon-security-v>

## Manufacturer's warranty

As the manufacturer of this **stabo multifon security V** device, we,

**stabo Elektronik GmbH,**

**Münchwiese 16, 31137 Hildesheim/Germany**

grant an independent warranty to the consumer on all items purchased from us in accordance with the following warranty conditions. We expressly point out that this does not restrict your statutory rights to the rectification of material defects.

I.

The warranty period is two years from the date of purchase. The warranty applies exclusively within the territory of the European Union.

II.

During the warranty period, devices that show defects due to material and manufacturing faults will be repaired, or alternatively replaced. The choice between repair and replacement is up to us. Replaced devices or components thereof shall become our property. Warranty services do not have the effect of extending the original warranty; nor is a new warranty period initiated.

III.

Warranty claims must be asserted immediately after becoming known and within the warranty period by presenting the proof of purchase.

IV.

Warranty claims are excluded in the event of damage caused by improper use, which may also take the form of misuse

- Environmental influences such as overvoltage, humidity, heat, dust etc.,
- Failure to observe the applicable safety precautions,
- Failure to observe the operating instructions,
- External use of force,
- Unauthorised interventions and unauthorised repair attempts,
- Shipment in an unsuitable manner, such as unsuitable packaging material
- Consumables (battery packs, batteries)

Hildesheim, in April 2023

## Are there any difficulties in putting the new device into operation?



You can reach us Mon to Fr. from 9 a.m. - 12 p.m.: Telephone 05121-762032

Have the device and the operating instructions with you ready for the conversation.



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