



SolarLink VIDEOPHONE

Ref.350122



Enjoy it.

www.blaupunkt.com

A - SAFETY INSTRUCTIONS

1 - INTRODUCTION

This video intercom system pairs two modules: a receiver-monitor and an easy-to-install and use intercom panel.

Key features:

- Colour video reception: when a visitor touches the intercom panel call button, the panel transmits the image to the screen and the doorbell rings to indicate the visitor's presence.
- Short-circuit protection
- Reverse polarity protection.
- Enables control over two entrances, lock* and gate motor drive (*requires a transformer - not included).
- Integrated infrared vision enables the video camera to identify visitors without needing additional light. The infrared range is about 1.5 m.
- Opening the door and a control system: by pressing buttons on the monitor, you can control an electric lock (requires a transformer - not included) and a dry contact for a gate motor drive (not included).

IMPORTANT: These instructions should be read carefully prior to installation. In the case of any problems, our Hotline technicians are at your service to provide you with any information you may need.

PLEASE NOTE: Any connection error may cause damage to the device and void the warranty.

IMPORTANT: 200 m open range. Open range means that radio waves propagate without obstacles, allowing for more efficient transmission and better reception quality. In this situation, the signal can travel long distances with minimal interference and can be easily received. Radio waves propagate differently depending on their environment. Within walls, radio waves can be weakened by the physical obstacles posed by construction materials. The signal can therefore be weakened or even lost as it passes through walls. Therefore, try to minimise obstacles between the outdoor unit and the screen.

Average attenuation of the 2.4G Hz radio signal based on different materials	
Foundation wall	-40 m
Brick, concrete, concrete blocks	-30 m
Lift or metal obstacle	-20 m
Metal cabinet	-10 m
Drywall or plasterboard lining	-5 m
Non-tinted glass window	-5 m
Wooden door	-5 m
Cellular concrete wall	-5 m

The values mentioned above are just estimates, as many complex factors affect wave attenuation.

2 - MAINTENANCE AND INSTALLATION GUIDANCE

- Do not install near acidic chemicals, ammonia or sources of toxic gases.
- Do not clean with abrasive or corrosive products. Use a damp cloth with soapy water.
- Unplug the device if it will not be used for an extended period of time.
- Do not plug the device into national telecommunications installations.
- Before mounting the intercom panel on its external pillar, fully charge the outdoor unit using the USB-C connector.
- Install the intercom panel so that it is exposed to sunlight all year round, ideally facing due south, with no shaded areas or vegetation above.

Before installing your intercom, it is important to check the following points:

- Do not install in cases of extreme humidity, temperatures, corrosion risk or dust.
- Do not expose the camera lens to direct sunlight, rain or high humidity.
- Do not plug the device into a multi-socket plug adapter or extension cord.
- Do not install near other electronic devices such as computers, televisions or video recorders.

3 - RECYCLING



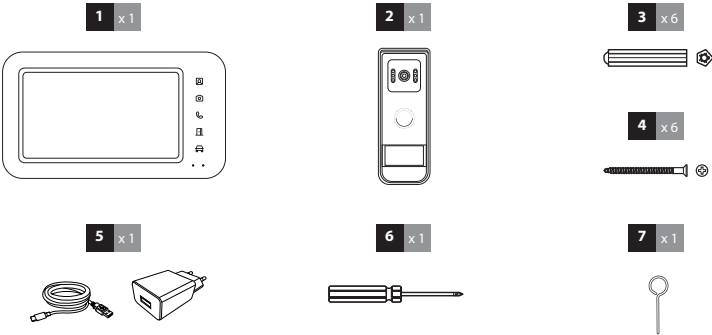
This symbol means that devices no longer in use should not be disposed of with household waste.

The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.



B - PRODUCT DESCRIPTION

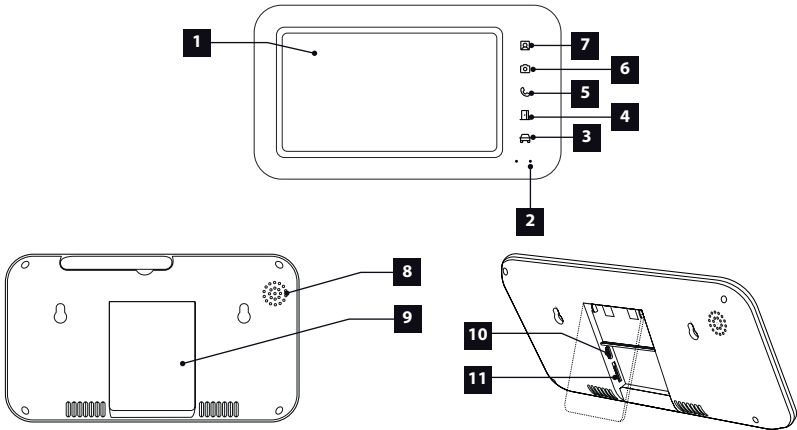
1 - KIT CONTENTS



1	Monitor
2	Intercom panel
3	Dowels (2 for the monitor, 4 for the intercom panel)
4	Screws (2 for the monitor, 4 for the intercom panel)

5	Mains/USB-C adapter
6	Screwdriver for the security screw on the intercom panel
7	Tool for pairing the screen with the intercom panel

2 - MONITOR

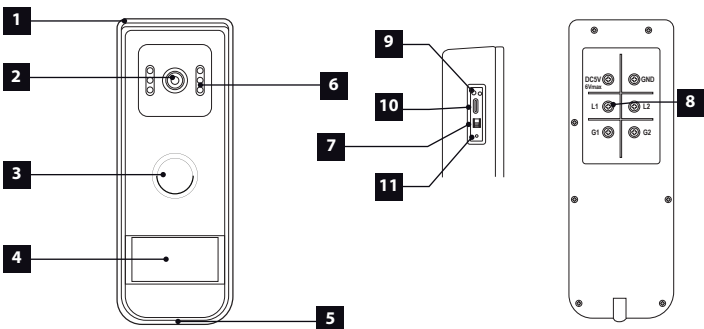


1	7" LCD screen
2	Microphone
3	"Open door" or "bin" or "reversal of direction" button
4	"Open electric strike plate" or "confirmation" button
5	"Handset" button for answering calls/navigation arrow

6	"Take photo or video"/"Navigation arrow" button
7	"Surveillance" mode to view the intercom panel
8	Loudspeaker
9	Bracket
10	USB-C connector
11	SD memory card slot

B - PRODUCT DESCRIPTION

3 - INTERCOM PANEL



1	Protective hood with integrated solar panel	7	ON/OFF button
2	Lens	8	Connection terminals: DC5V and GND: for the solar panel L1 and L2 for strike plate control G1 and G2 for gate motor drive control
3	Loudspeaker	9	Battery charge indicator
4	Name holder and call button	10	USB-C connector for battery charging
5	Microphone	11	Pairing button
6	Infrared lighting		

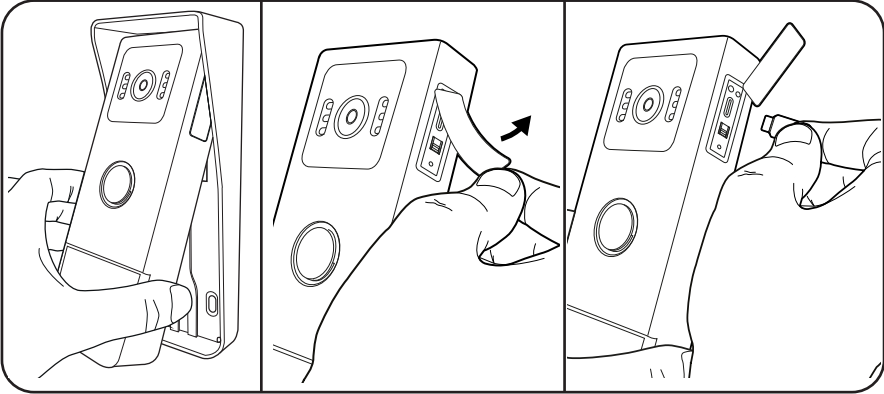
4 - MOUNT

The monitor is designed to be placed on a table or mounted on a wall. Wall screws are included in the kit.

5 - MAINS ADAPTER

A 230 VAC 50 Hz/5 VDC 2.0 A mains adapter for powering the monitor is included in the kit. Do not use other power supplies as they could cause irreparable damage to the device and invalidate the warranty. Do not cut or extend the wire of the mains adapter or the warranty will be void.

C - INSTALLATION



1.2 PAIRING/UNPAIRING THE SCREEN WITH/FROM THE INTERCOM PANEL

Before completing the installation, we recommend performing a function test. Pair the intercom panel with the screen, then place the intercom panel in your desired location. Ensure that communication between the intercom panel and the screen is properly established.

Tip: To simplify pairing your product, we recommend doing it after the intercom panel has been charged for the first time.

Once the outdoor unit is charged, connect the USB-C charger to the monitor. Plug the mains adapter into the mains supply. The screen will light up and display the time.

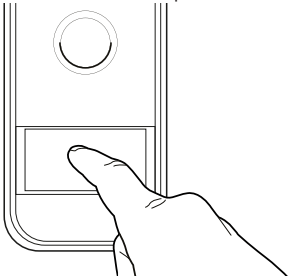
Pairing the screen with the intercom panel

When the screen is in standby mode, press any button on the screen twice (except ) to open the “General menu”

On the monitor, go to the  menu using touch-sensitive buttons  or . Select the  setting. Select the  tick and click on .

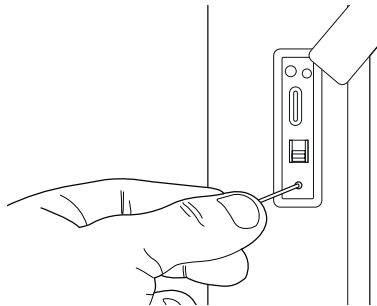
A black screen with a 30-second countdown will appear.

Press the intercom panel call button; it will emit a chime. This step involves waking up the intercom panel.



Next, use the provided tool to press and hold the pairing button (11) on the right side of the intercom panel

C - INSTALLATION



until the image appears on the screen. The image should display within 5 seconds.

Unpairing the screen from the intercom panel

If you wish to unpair the screen from the intercom panel, follow the steps below.

On the monitor, go to the  menu. Select the  setting and select the  tick and click on .

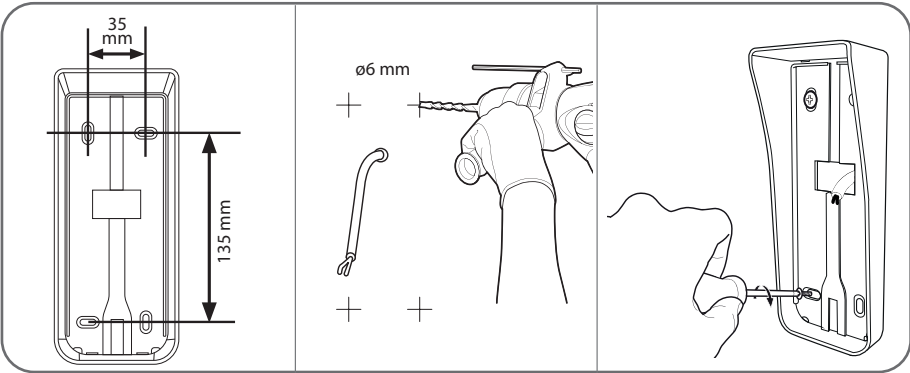
1.3 OUTDOOR INSTALLATION AND CONNECTION

1.3.1 Intercom panel hood installation

The solar power supply will be sufficient for the normal operation of your videophone. Install your intercom panel, ideally facing south to maximise sun exposure throughout the year. Also, ensure that there are no shaded areas or vegetation above the product.

Note: The sun powers and charges the product's battery all day long. If the weather is cloudy, the battery will take over to keep the product running smoothly. A battery level icon is available on the monitor screen.

Attach the hood for the intercom panel to your chosen outdoor location using the appropriate screws and wall plugs (the screws and plugs supplied are suitable for walls made of solid material).



C - INSTALLATION

1.3.2 Wiring

You can connect and use an electric strike plate with mechanical memory (not supplied) with your intercom panel.

Between the monitor and the intercom panel (200 m maximum open range)

To maintain optimal audio and video quality, it is recommended to install the screen as close as possible to the intercom panel.

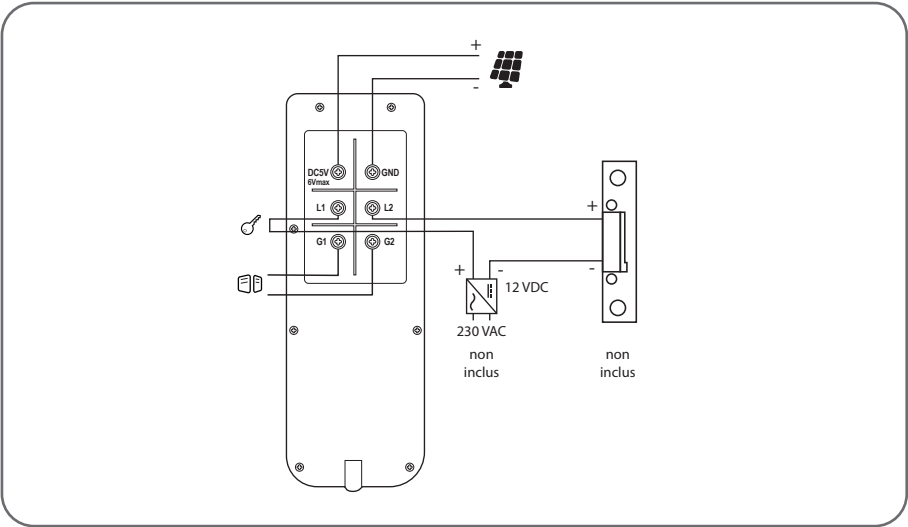
Between the intercom panel and an electric strike plate (not supplied)

Use a 12 V/1.1 A maximum strike plate with mechanical memory and a 230 VAC/12 V transformer (not included).
For the connection between the intercom panel and the strike plate, use a cable of this kind:

Cable length	Section to be used
0 to 50 m	0,75 mm2

Between the intercom panel and the gate motor drive (not included)

Cable length	Section to be used
0 to 50 m	0,75 mm2

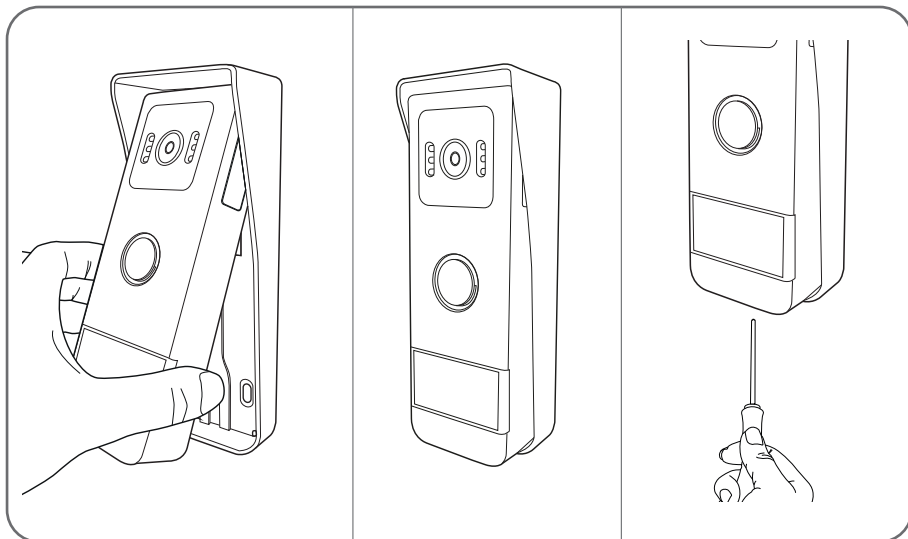


IMPORTANT: connect terminal blocks G1 and G2 directly to the opening/closing contact of the automatic control system (gate motor drive wired control input).

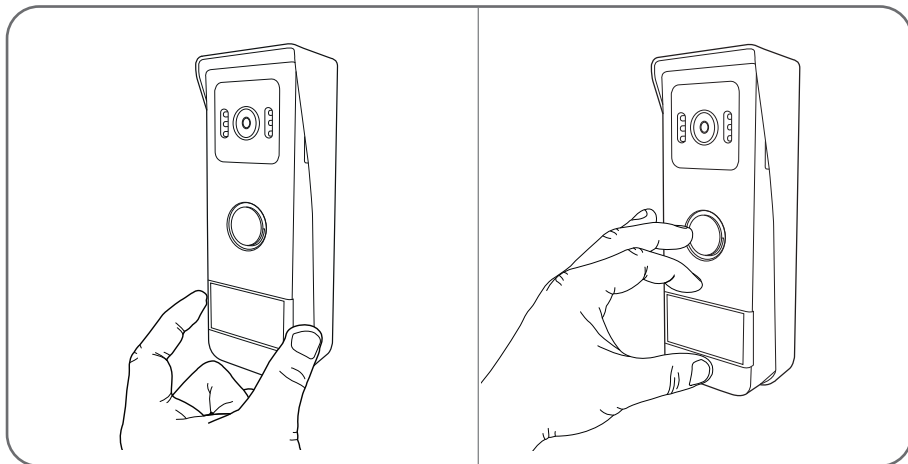
C - INSTALLATION

1.3.3 Installation of the intercom panel into its hood

After making the connections on the intercom panel, put the intercom panel into the hood. Then screw the intercom panel to the hood with the screw provided.



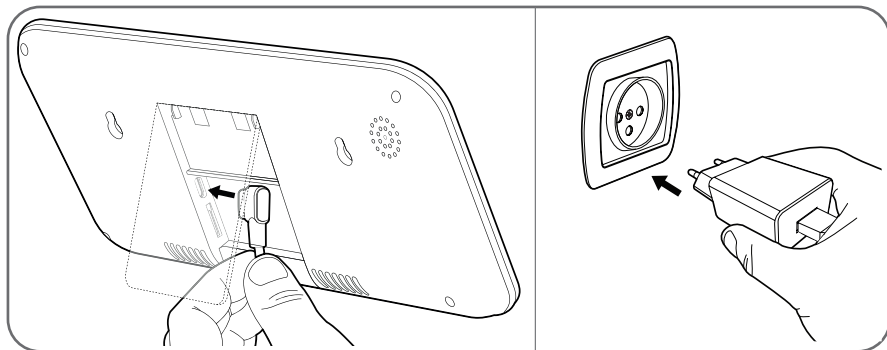
Put on the name label



C - INSTALLATION

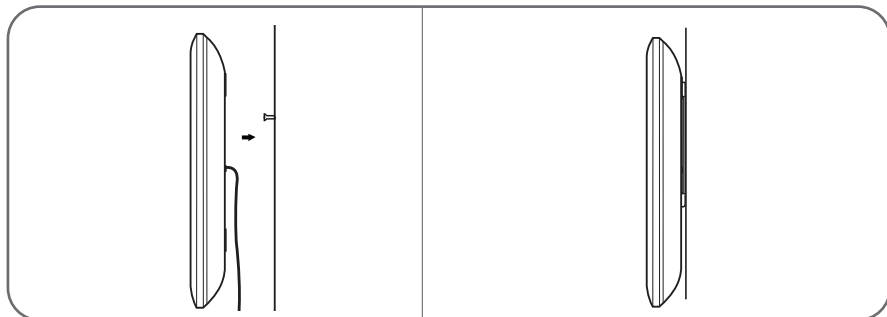
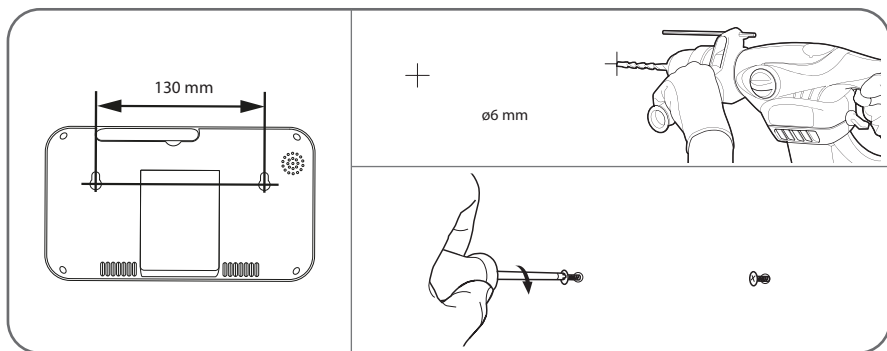
2 - MONITOR INSTALLATION

Connect the USB-C changer to the monitor. Plug the mains adapter into the mains supply.



After connecting the monitor, attach the monitor to the wall.

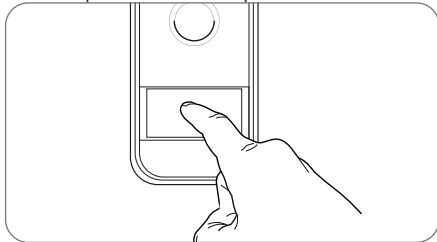
Attach the product to the wall using the screws and wall plugs (the screws and plugs included are suitable for walls made of solid material).



D - USING THE PRODUCT

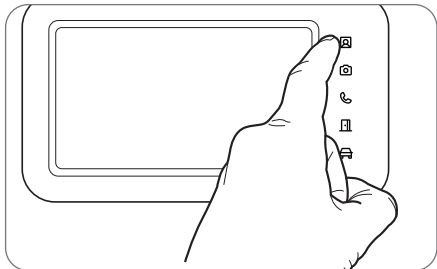
1 - IDENTIFY AND SPEAK TO THE VISITOR

The visitor presses the intercom panel's call button:



The intercom panel will emit a chime that sounds through the monitor's speaker and the intercom panel's video camera is activated. The video captured by the intercom panel will appear on the monitor for 30 seconds. After 30 seconds, the monitor will return to standby mode.

To speak with the visitor, press the  button. To end the conversation and deactivate the intercom panel, press the  button again or press the  button.



2 - ACTIVATING THE INTERCOM PANEL FROM THE MONITOR

To identify a visitor discreetly or to check outside, press any button to wake up the product and then press : the intercom panel image then appears on screen for 60 seconds.

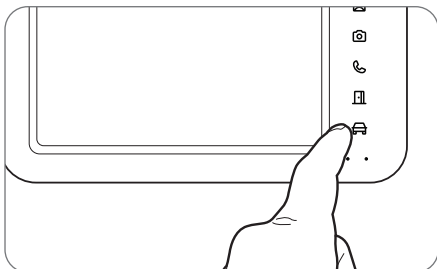
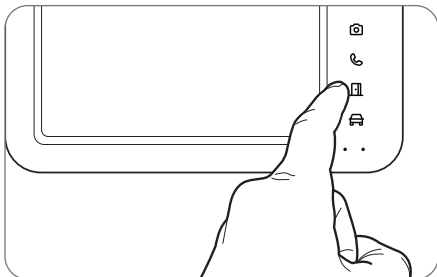
If you wish to communicate directly with the outside, press the  button after the external video has appeared on screen.

This particularly useful feature allows you to observe the visitor, even if they haven't pressed the call button on the intercom panel.

3 - OPENING AN ELECTRIC LOCK AND AN AUTOMATIC CONTROL SYSTEM (OPTIONAL)

Warning: the screen must be switched on and communication enabled before the dry contact and powered output controls can function. If the screen is off, wake the product up by using one of the product buttons, then press .

If the device is equipped with an electric lock and/or an automatic control system (see "1.3.2 Wiring" paragraph), press the  button (for the lock) or the  button (for the automatic control system) to let a visitor enter.



D - USING THE PRODUCT

4 - MONITOR SETTINGS

	Navigation left or up
	Navigation right or down
	Confirm
	Go back

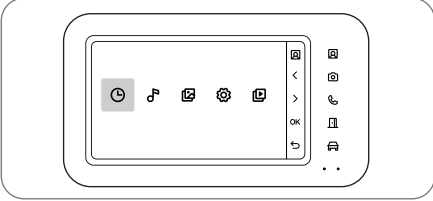
To return to the main menu:

When the screen is in standby mode: Press any button on the screen twice (except )

When the screen is displaying the clock: Press any button once (except )

If the screen is off, wake up the product by using one of the product buttons. When the screen is on, press  or  or  or  to display the following screen:

Press  to confirm your entry in the Settings Menu.



4.1 DATE AND TIME SETTING MENU

 Date: press  to select the item to be changed and  and/or  to modify it. Press  to confirm the change.

 Time: press  to select the item to be changed and  and/or  to modify it. Press  to confirm the change.

4.2 DOORBELL MENU AND SOUND VOLUME CONTROL

 Melody selection: press  to select the item to be changed and  and/or  to modify it. Press  to confirm the change.

 Doorbell volume: press  to select the item to be changed and  and/or  to modify it. Press  to confirm the change.

 Voice volume: press  to select the item to be changed and  and/or  to modify it. Press  to confirm the change.

4.3 PHOTO GALLERY

Navigating the photo gallery: press  and/or  to browse the photo gallery.

Delete photo: press  to select the delete function. Use  or  to select the tick to be enabled. Press  to confirm the deletion.

4.4 ADVANCED SETTINGS MENU

 **Silent mode:** The monitor will remain silent for the duration specified in this menu.

 Activate silent mode: press  and press  to select the confirmed tick and press  again to confirm silent mode.

 Select start time: press  to select the item to be changed and  and  to modify it. Press  to confirm the change.

 Select end time: press  to select the item to be changed and  and  to modify it. Press  to confirm the change.

 **Pairing/unpairing:** press  to select the confirmed tick and press  again to start pairing. For more details, please see "1.2 Pairing/unpairing the screen with the intercom panel".

 **Recording type selection:** Photo or video
Press  , select the photo pictogram  (photo recording) or the video pictogram  (video recording) using the  and/or  buttons and press  to confirm the recording type.

PLEASE NOTE: To activate the "record photos or videos" function, a MicroSD card (with a maximum capacity of 32GB, not included in the pack) must be installed in the product.

Menu for deleting photos and videos

Press  to enter the menu.

 Delete all photos: press  , select the confirmed tick using  and/or  , then press  again. All photos will be deleted.

D - USING THE PRODUCT



Delete all videos: press **[F1]**, select the confirmed tick using **[OK]** and/or **[Left]**, then press **[F1]** again. All videos will be deleted.



Delete all photos and videos: press **[F1]**, select the confirmed tick using **[OK]** and/or **[Left]**, then press **[F1]** again. All photos and videos will be deleted.



Gate contact closure time: press **[F1]**, select the desired value using **[OK]** and/or **[Left]**, then press **[F1]** to confirm the change.



Reset settings: press **[F1]**, select the confirmed tick using **[OK]** and/or **[Left]**, then press **[F1]**. All monitor settings will be reset.



Video settings



Brightness: press **[F1]** to select the setting, use **[OK]** and/or **[Left]** to select the desired value, then press **[F1]** to confirm.



Colour: press **[F1]** to select the setting, use **[OK]** and/or **[Left]** to select the desired value, then press **[F1]** to confirm.



Contrast: press **[F1]** to select the setting, use **[OK]** and/or **[Left]** to select the desired value, then press **[F1]** to confirm.



4.5 VIDEO GALLERY

Remember: To enable the monitor to make recordings, a MicroSD card must be inserted.

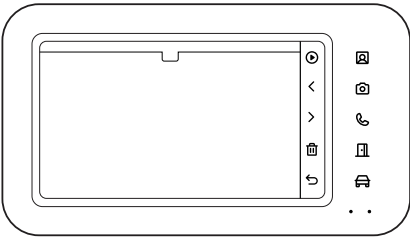
Browsing the video gallery: press **[OK]** and **[Left]** to browse the gallery.

Start and pause the video: press **[OK]**.

Delete the video: Press **[F1]** to initiate deletion, use **[OK]** and/or **[Left]** to select the confirmed tick, then press **[F1]** again to confirm deletion.

5 - MEANING OF PRODUCT'S INDICATOR LIGHTS

Screen
- Blue lights: The screen is active. - Red light: The screen is in standby mode. - No light: The screen is off.
Intercom panel
- Green light: Intercom panel USB fully charged. - Red light: Intercom panel USB charging.



E - FAQ

Symptoms	Solutions
No indicator light on the screen	Check the power supply to the device.
No response from the intercom panel when its call button is pressed	Check that the switch is turned ON. Charge the intercom panel using a 5V USB transformer.
The intercom panel responds to calls but the screen does not	Repair the screen with the intercom panel. Check the signal strength.
During a call, the screen lights up but does not ring	Check if "Do Not Disturb" mode is enabled.
No electric strike plate control	Verify that the screen is communicating with the intercom panel. Ensure the electric strike plate is equipped with a memory stud. Check the connections and the external power supply.
No gate control	Verify that the screen is communicating with the intercom panel. Check the connection between the intercom panel and the motor drive's electronic card.
The intercom panel battery drains too quickly	Ensure that the intercom panel is receiving adequate sunlight. Clean the solar panel. Check the device's usage intensity relative to the amount of sunlight it receives.

F. TECHNICAL AND LEGAL INFORMATION

1 - TECHNICAL CHARACTERISTICS

MONITOR	
Screen	7" TFT-LCD colour screen
Video standard	PAL/NTSC
Resolution	800 x 480
Power supply	Via included 100/240VAC 50-60 Hz/5 VDC 2.0 A mains adapter
Connections	Wireless
Operating range	Temperature -10°C to +50°C, humidity up to 85%, non-condensing
Number of melodies	6
Dimensions	124 (H) x 218 (W) x 20 (D) mm

INTERCOM PANEL	
Optical sensor	1/2.7" CMOS
Lens	125° horizontal viewing angle
Power supply	Powered by solar panel/battery or via USB-C 5 VDC/1 A connector
Battery	18650 Li-ion battery, 3.7 V, 5800 mAh, 21.46 Wh
Solar panel	5 V / 70 mAh
Night vision	Infrared, 1.5 m range
Protection rating	IP55
Dimensions	187 (H) x 68 (W) x 46 (D) mm

RADIO FREQUENCY	
Frequency range	2.4 GhZ-2.484 hZ - max 10 mW
Open air range	Max 200 metres

F - TECHNICAL AND LEGAL INFORMATION

2 - WARRANTY

- This product is guaranteed for parts and labour for 3 years from the date of purchase. Proof of purchase must be retained for the duration of the warranty period.
- The warranty does not cover damage caused by negligence, impacts or accidents.
- The parts of this product must not be opened or repaired by any persons not employed by Avidsen.
- The warranty will be void if the device is tampered with.
- Do not cut or extend the wire of the mains adapter or the warranty will be void.

3 - HELP AND ADVICE

- If, in spite of the care we have taken in designing our products and drafting these instructions, you encounter difficulties when installing your product or you have any questions, we urge you to contact one of our specialists who will be glad to help.
- If you encounter operating problems during the installation or a few days afterwards, it is essential that you are in front of your installation when contacting us, so that one of our technicians can diagnose the source of the problem, as it will probably be the result of a setting that is incorrect or an installation that is not to specification.

4 - PRODUCT RETURNS - AFTER SALES SERVICE

If, despite the care we have taken in designing and manufacturing your product, it needs to be returned to our customer service centre, you can contact us through the support section on our website at [avidsen.com](https://www.avidsen.com).

Website: <https://www.avidsen.com>

Avidsen undertakes to keep a stock of spare parts for this product throughout the contractual warranty period.

5. EU DECLARATION OF CONFORMITY

Avidsen hereby declares that the equipment designated below:

SolarLink wireless connected videophone, reference 350122, complies with the RED 2014/53/EU directive and that its conformity has been assessed pursuant to applicable standards:

- EN 62368-1: 2020+A11: 2020
- EN 55032: 2015/A1: 2020
- EN 55035: 2017/A11: 2020
- EN 61000-3-2 :2019/A1: 2021
- EN 61000-3-3: 2013/A1: 2019/A2: 2021
- EN 50663: 2017
- EN 301 489-1 V2.2.3 (2019-11)
- EN 301 489-17 V3.2.4 (2020-09)
- EN 300328 V2.2.2 (2019-07)

Tours
01/06/2026

Alexandre Chaverot, CEO



Séparez les éléments avant de trier



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