

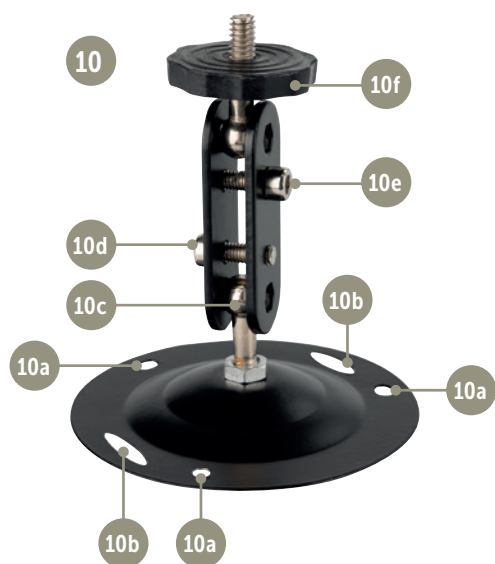
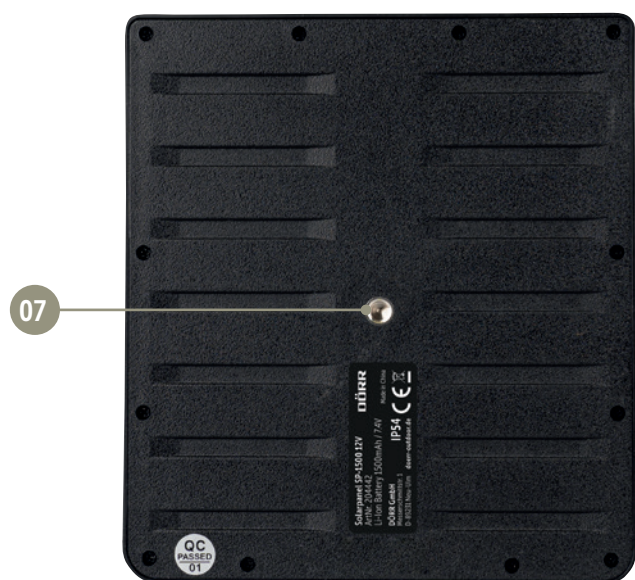
SOLAR PANEL

GB

INSTRUCTION MANUAL

SP-1500
12V





THANK YOU, for choosing this DÖRR quality product.

Please read the instruction manual and safety hints carefully before first use.

Keep this instruction manual together with the device for future use. If other people use this device, make this instruction manual available. This instruction manual is part of the device and must be supplied with the device in case of sale.

DÖRR is not liable for damages caused by improper use or the failure to observe the instruction manual and safety hints.

01 | ⚠ SAFETY HINTS

- Your solar panel is fitted with a weatherproof housing according to protection class IP54 (dust and splash waterproof). So, the solar panel can be used outdoors. Nevertheless, protect the solar panel from extreme weather conditions.
- Never leave the solar panel unattended while charging. After charging disconnect the solar panel from power supply.
- If device is not in use for a long period of time, we recommend to charge the built-in battery to about 75%. The storage of an empty or fully charged battery will shorten its life.
- Do not short-circuit or disassemble the solar panel and do not throw into fire – risk of explosion!
- Do not submerge or throw the solar panel into water.
- Do not operate or touch the solar panel or the AC adapter with wet hands.
- Protect the device against impacts. Do not use the device if it has been dropped. In this case a qualified electrician should inspect the device before you use it again.
- Do not attempt to repair the device by yourself. Risk of electric shock! When service or repair is required, contact qualified service personnel.
- People with physical or cognitive disabilities should use the device under supervision.
- People with cardiac pacemakers, defibrillators or any other electrical implants should maintain a minimum distance of 30 cm, as the device generates magnetic fields.
- The device is not a toy. To prevent accidents and suffocation keep the device, the accessories and the packing materials away from children and pets.
- Protect the device against dirt. Never use aggressive cleansing agents or benzine to clean the device. We recommend a soft and slightly damp microfiber cloth to clean the outer parts of the device. **Before cleaning make sure to take off from power supply!**
- Store the device in a dust-free, dry and cool place.
- If the device is defective or without any further use, dispose of the device according to the Waste Electrical and Electronic Equipment Directive WEEE. For further information, please contact your local authorities.

02 | PRODUCT DESCRIPTION

Use the **DÖRR Solar Panel SP-1500 with internal 1500mAh Li-Ion battery** for a **sustainable and significant longer runtime of your game & surveillance camera DÖRR SnapShot Cloud 4G** or other devices with **12 Volt socket**. The advanced solar panel with a **maximum output power of 2 Watts** does not require direct sunlight – it produces enough energy even during dismal weather and in winter time. This makes a continuously autarkic surveillance possible. Protected according to **IP54** protection class the solar panel defies even bad weather conditions. With the supplied **bracket**, the solar panel can either be firmly screwed to a wall or attached to a tree using the **mounting strap**. Adjust the solar panel towards the sun with the movable joints of the bracket.

03 | NOMENCLATURE

- 01 Solar panel
- 02 Charging socket IN DC 12 V for AC adapter
 - 02a) Rubber cover IN
- 03 Button for LED indicator
- 04 LED charging-/capacity indicator
- 06 Output socket OUT DC12V
 - 06a) Rubber cover OUT
- 07 Connection thread 1/4"
- 08 AC adapter
 - 08a) Socket for EU Adapter
 - 08b) Release button
 - 08c) Connection plug
 - 08d) EU adapter
- 09 Connection cable
 - 09a) Rubber protection
 - 09b) DC barrel connectors
- 10 Bracket
 - 10a) 3 holes for screw fastening
 - 10b) 2 eyelets for mounting strap
 - 10c) Ball joint
 - 10d) Allen screw 1
 - 10e) Allen screw 2
 - 10f) Ball head with 1/4" threaded screw
- 11 Mounting strap
- 12 Mounting kit (3 screws with dowels, Allen key)

04 | FIRST COMMISSIONING

Before first use, please fully charge the built-in Li-Ion battery:

Place the EU adapter (08d) on the socket (08a) of the AC adapter (08). Turn the EU adapter (08d) clockwise (direction LOCK) until it snaps into place audibly.



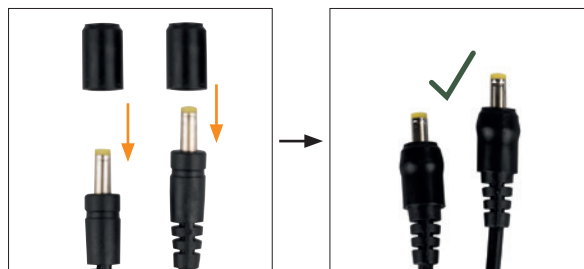
Open the rubber cover IN (02a) on the solar panel and connect the connection plug (08c) with the charging socket IN (02). Plug the AC adapter (08) into a power outlet.

While charging the LED charging indicator (04) will flash in red. When the solar panel is fully charged, the LED charging-/capacity indicator (04) will light up in red constantly.

Remove the connection plug (08c) from solar panel and the power outlet. Close the charging socket (02) with the rubber cover (02a).

05 | OPERATION (APPLICATION EXAMPLE WITH DÖRR SNAPSHOT CLOUD 4G CAMERA)

Pull the 2 rubber protectors (09a) over the both DC barrel connectors (09b) of the connection cable to ensure optimum seal.



Open the rubber cover OUT (06a) on the solar panel. Then plug the connection cable (09) into the output socket OUT (06) of your solar panel and the other end into the "Connection external battery" of your SnapShot 4G Camera. Turn on the camera – the solar panel will recognise when a consuming device is connected and starts the power supply.

When alkaline/rechargeable batteries are inserted in your SnapShot Cloud 4G camera you do not need to remove them when using the solar panel. Your camera will automatically use the inserted battery power, as soon as the external power supply from the solar panel is disconnected.

06 | MOUNTING

Screw the ball head (10f) of the bracket (10) in the ¼" connection thread (07) on rear side of the solar panel. Pull the mounting strap (11) through the 2 eyelets (10b) and firmly tighten around a suitable object.

Alternatively, you can use the screws and dowels (12) with the 3 holes for screw fastening (10a) for mounting the solar panel to a wall or similar.

To adjust the solar panel, use the supplied Allen key (12). Loosen/tighten the Allen screw 1 (10d) to adjust the ball joint and Allen screw 2 (10e) to adjust the angle of the ball head.

07 | CLEANING AND STORAGE

Never use aggressive cleansing agents or benzine to clean the device. We recommend a soft, slightly damp microfiber cloth to clean the outer parts of the device. **Before cleaning make sure to take off from power supply!** Store the device in a dust-free, dry and cool place when not in use. This device is not a toy – keep it out of reach of children. Keep the device away from pets.

08 | TECHNICAL SPECIFICATIONS

Rechargeable battery	Built-in Lithium Ion battery 1500 mAh, 7.4 V
Output power max.	2 W
Output voltage max.	12 V
Output current max.	1600 mA
Connecting cable	DC barrel connectors 4,0 x 1,7 x 10 mm (DC 2.1)
Power adapter	Input: AC 100-240 V~50/60 Hz 0,8 A Output: 12 V, 2 A
Cable length approx. [m]	1,50 m (AC adapter and connecting cable)
Protection class	IP54
Thread mount ¼"	yes
Housing	Robust plastic housing
Colour	black
Operating temperature approx. [°C]	-30°C to +70°C
Relative humidity approx. [%]	5% - 95%
Outer dimension width approx. [cm]	15,5
Outer dimension height approx. [cm]	3
Outer dimension length approx. [cm]	14
Weight approx. [g]	338

09 | SCOPE OF DELIVERY

- 1x Solar panel
- 1x AC adapter
- 1x Connection cable
- 2x Rubber cover for DC barrel connectors
- 1x Bracket
- 1x Mounting kit (1x Allen key, each 3x screws and dowels)
- 1x Mounting strap

10 | DISPOSAL, CE MARKING



10.1 WEEE INFORMATION

The Waste Electrical and Electronic Equipment Directive (WEEE Directive) is the European community directive on waste electrical and electronic equipment, which became European law in February 2003. The main purpose of this directive is to prevent electronic waste. Recycling and other forms of waste recovery should be encouraged to reduce waste. The symbol (trash can) on the product and on the packing means that used electrical and electronic products should not be disposed of with general household waste. It is your responsibility to dispose of all your electronic or electrical waste at designated collection points. Disposing of this product correctly will help to save valuable resources and it is a significant contribution to protect our environment as well as human health. For more information about the correct disposal of electrical and electronic equipment, recycling and collection points please contact your local authorities, waste management companies, your retailer or the manufacturer of this device.

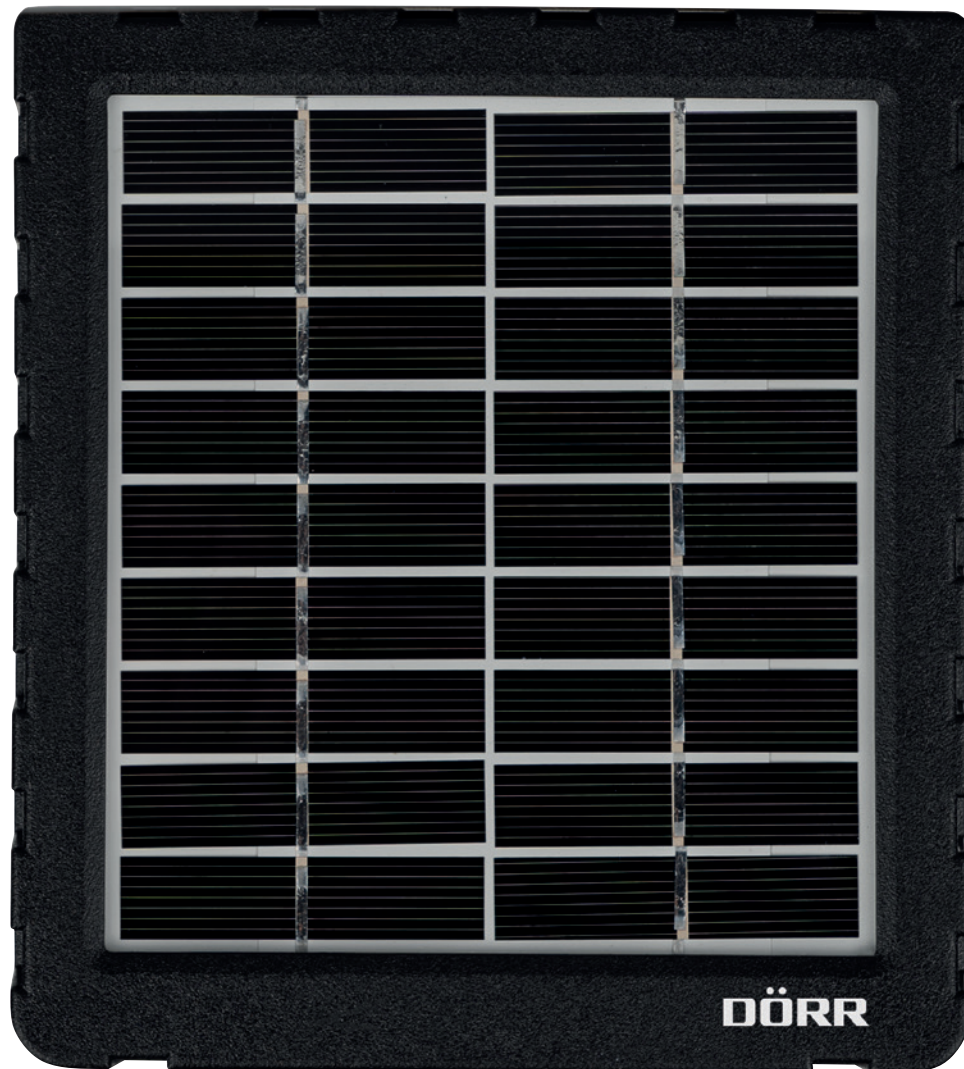
10.2 ROHS CONFORMITY

This product is compliant with the European RoHS directive for the restriction of use of certain hazardous substances in electrical and electronic equipment and its amendments.



10.3 CE MARKING

The CE marking complies with the European standards and indicates that the product meets the requirements of the applicable EU directives.



SOLAR PANEL SP-1500 12V

Item No 204442