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› WININMETA Solar Panel Charger for Arlo Essential Spotlight/XL Cameras (3-Pack) Instruction Manual

## WININMETA HHUSSP-ESS

# WININMETA Solar Panel Charger for Arlo Essential Spotlight/XL Cameras

Model: HHUSSP-ESS

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WININMETA Solar Panel Charger. This product is designed to provide continuous solar power to compatible Arlo Essential Spotlight and Arlo Essential XL cameras, ensuring uninterrupted operation without frequent battery changes.



Image: Three WININMETA solar panel chargers, each with a white mounting bracket, a Micro USB cable, and a small screwdriver and wall anchors for installation.

## 2. PRODUCT OVERVIEW

The WININMETA Solar Panel Charger is a 5W monocrystalline silicon panel designed for outdoor use. It features IP65 weather resistance and comes with a 3-meter (10ft) Micro USB charging cable and an adjustable mounting bracket for optimal sunlight exposure.

### Key Features:

- **Continuous Power:** Provides 365-day solar power for compatible cameras.
- **High Efficiency:** Utilizes monocrystalline silicon for efficient energy conversion.
- **Weatherproof Design:** IP65 rated for protection against dust and water jets.
- **Flexible Installation:** Adjustable bracket allows for 360° rotation and 90° tilt to maximize sunlight.
- **Extended Reach:** Includes a 3-meter (10ft) waterproof Micro USB cable.

### Compatibility:

This solar panel charger is specifically designed for and compatible with the following camera models:

- Arlo Essential Spotlight Camera (Micro USB port only)
- Arlo Essential XL Spotlight Camera (Micro USB port only)

**Important Note:** This product is **not** compatible with Arlo Essential 2K XL (2nd Generation), Arlo Pro, Arlo Pro 2, Arlo Pro 3, Arlo Pro 4, Arlo Ultra, Arlo Ultra 2, Arlo Pro 3 Floodlight, Arlo HD, or Arlo Essential 2K (2nd Generation) cameras.

## COMPATIBLE WITH



Arlo Essential Spotlight  
(Micro USB port only)



Arlo Essential XL Spotlight  
(Micro USB port only)

## NOT COMPATIBLE



ARLO ULTRA



ARLO PRO3



ARLO HD



ARLO PRO/ PRO2



Arlo Essential 2K  
(2nd Generation)



ARLO FLOODLIGHT

Image: A diagram showing compatible cameras (Arlo Essential Spotlight, Arlo Essential XL Spotlight with Micro USB port) and incompatible cameras (Arlo Ultra, Arlo Pro3, Arlo HD, Arlo Pro/Pro2, Arlo Essential 2K (2nd Generation), Arlo Floodlight).

### 3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Solar Panel Charger (Quantity: 3 for 3-pack)
- Adjustable Mounting Bracket
- 3-meter (10ft) Micro USB Charging Cable (integrated)
- Screwdriver

- Cable Ties
- Mounting Screws and Wall Anchors

# Packing List



Image: A visual representation of the package contents, including the solar panel, Micro USB cable, mounting bracket, screwdriver, cable ties, and screws with wall anchors.

## 4. SETUP AND INSTALLATION

Follow these steps to properly install your solar panel charger:

1. **Choose a Location:** Select an outdoor location that receives direct sunlight for the majority of the day. Avoid areas with significant shade from trees, buildings, or other obstructions. Optimal performance requires consistent sun exposure.
2. **Mount the Bracket:**
  - Position the mounting bracket against the desired surface (wall, fence, roof edge).

- Mark the screw holes.
  - Drill pilot holes if necessary. For masonry, insert wall anchors.
  - Secure the bracket using the provided screws.
3. **Attach the Solar Panel:** Connect the solar panel to the mounted bracket. The adjustable design allows for precise positioning.
  4. **Adjust for Sunlight:** Orient the solar panel to face the sun directly. The bracket offers 360° rotation and 90° tilt to capture maximum sunlight throughout the day.
  5. **Connect to Camera:** Route the 3-meter Micro USB cable from the solar panel to your compatible Arlo Essential Spotlight or Essential XL camera. Ensure the connection is secure. Use the provided cable ties to manage excess cable and keep it tidy.



Image: A WININMETA solar panel charger mounted on an exterior wall, with its cable connected to an Arlo camera mounted below it.

## Flexible Adjustable Bracket

Capture the Maximum Sunlight Exposure



Image: A close-up of the solar panel and its adjustable mounting bracket, illustrating its 360-degree rotation and 90-degree tilt capabilities for optimal sun exposure.

# 10ft Waterproof Charging Cable



Image: A solar panel mounted high on a house, with its 10-foot waterproof cable extending down to connect to a camera mounted lower on the wall.

## Fit for Anywhere



Image: A collage showing four different installation scenarios for the solar panel: on a roof edge, on a wooden wall, on a marble wall, and attached to a tree trunk, demonstrating its versatility.

### 5. OPERATING INSTRUCTIONS

Once installed and connected, the solar panel will automatically begin charging your camera's battery when exposed to sufficient sunlight. The 5W output ensures efficient charging.

The solar panel is designed to operate effectively in various weather conditions due to its IP65 rating, which protects it from dust and water. It is built to withstand temperatures between 0°C and 50°C (32°F and 122°F).

## IP65 Weather Resistance

Working Conditions: 32°F-122°F (0°C to 50°C)



Image: A solar panel mounted outdoors, with raindrops visible on its surface, illustrating its IP65 weather resistance and suitability for working conditions between 32°F and 122°F.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your solar panel charger, consider the following maintenance tips:

- **Regular Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or other debris that may obstruct sunlight. Avoid abrasive cleaners.
- **Inspect Connections:** Occasionally check the Micro USB cable connection to the camera and the solar panel for any signs of wear, damage, or loose connections.
- **Clear Obstructions:** Ensure that no new obstructions (e.g., growing tree branches, new structures) are casting shadows on the panel, which could reduce charging efficiency.

## 7. TROUBLESHOOTING

If you encounter issues with your solar panel charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not charging	Insufficient sunlight exposure	Relocate the solar panel to an area with more direct sunlight. Adjust the panel angle.
Camera not charging	Dirty solar panel surface	Clean the solar panel surface to remove dirt or debris.
Camera not charging	Loose or damaged cable connection	Ensure the Micro USB cable is securely connected to both the solar panel and the camera. Inspect the cable for damage.
Camera not charging	Incompatible camera model	Verify your camera model is listed as compatible (Arlo Essential Spotlight/XL with Micro USB).
Low charging efficiency	Partial shading or cloudy weather	Ensure the panel is free from any shadows. Charging efficiency will naturally be lower on cloudy days.

## 8. SPECIFICATIONS

<b>Brand</b>	WININMETA
<b>Model Number</b>	HHUSSP-ESS
<b>Maximum Power</b>	5 Watts
<b>Maximum Voltage</b>	5 Volts
<b>Material</b>	Monocrystalline Silicon
<b>Weather Resistance</b>	IP65 Waterproof
<b>Cable Length</b>	3 meters (10 feet)
<b>Connector Type</b>	Micro USB
<b>Working Temperature</b>	0°C to 50°C (32°F to 122°F)

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase.

