

ASD A-SFL-20WH-SC

ASD Security Flood Light Camera Outdoor - Smart Floodlight Camera, Model A-SFL-20WH-SC User Manual

Comprehensive instructions for installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the ASD Security Flood Light Camera Outdoor. This smart floodlight camera is designed to provide enhanced security and illumination for your outdoor spaces. Featuring a 180° motion sensor, adjustable light heads, and smart app control, it integrates seamlessly with your smart home ecosystem, including Alexa and Google Assistant. This manual provides essential information for safe installation, operation, and maintenance of your device.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Installation must be performed by a qualified electrician or a person with electrical knowledge. Ensure power is turned off at the circuit breaker before installation or servicing.
- **Voltage:** This product is designed to operate on 120V circuits.
- **Mounting:** Mount the fixture securely to a junction box. Ensure the mounting surface can support the weight of the fixture.
- **Wet Locations:** This product is Wet Locations rated (IP54), suitable for outdoor use. However, avoid submerging the unit in water.
- **Heat:** Do not operate the fixture near flammable materials. Allow the fixture to cool before handling.
- **Camera Lens:** Avoid touching the camera lens directly to prevent smudges or damage.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- ASD Security Flood Light Camera Outdoor (1 unit)

- Mounting Crossbar
- Mounting Screws
- Wire Nuts
- EVA Pad
- User Manual (this document)



Image 1: ASD Security Flood Light Camera Outdoor and its packaging.

4. PRODUCT FEATURES

- **Adjustable Light Heads:** Side-to-side (150°) and up-and-down (180°) rotatable light heads for directional illumination.
- **Integrated Smart Camera:** Monitor, record, and engage in two-way audio communication.
- **180° Motion Sensor:** Automatically activates light and camera recording upon motion detection.
- **Dusk-to-Dawn Photocell:** Automatically turns the light on at dusk and off at dawn.
- **Color Selectable:** Choose from 5 color temperatures: 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight).
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Assistant for voice control.

- **App Control:** Manage settings, view live feed, and receive motion-activated push notifications via the dedicated app.
- **Storage Options:** Records can be stored on a Micro SD card (not included) or in a Cloud service (subscription may be required).
- **Durable Construction:** Made from Aluminum and Polycarbonate.
- **Certifications:** UL and DLC Premium certified, ensuring quality and safety.



Image 2: Key features of the ASD Security Flood Light Camera.

5. TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	A-SFL-20WH-SC
Power Source	Hardwired

Specification	Detail
Voltage	120 Volts
Wattage	20 Watts
Light Source Type	LED
Color Temperature (CCT)	2700K, 3000K, 3500K, 4000K, 5000K (Selectable)
Motion Sensor Detection Angle	180°
Motion Sensor Detection Distance	16.4-32.9 ft (5-10 m)
Beam Angle	100°
Material	Aluminum, Polycarbonate
Product Dimensions	10.24"L x 4.45"W x 7.68"H
Item Weight	1.2 Pounds
Indoor/Outdoor Usage	Outdoor
Area Lighting Classification	IP54 (Wet Locations Rated)
Connectivity Protocol	Wi-Fi
Controller Type	Amazon Alexa, Google Assistant, App
Lifespan	145,000 hours

PRODUCT SPECIFICATION

works with alexa



Motion
Sensor



Photocell



Smart
camera



Smart
App



Micro SD
Card



120V
voltage



Wet
locations

2

Heads

20W

Power

5CCT

Color Selectable

2017lm

Brightness

WHITE

Finish

Image 3: Detailed product specifications and dimensions.

6. INSTALLATION STEPS

Before you begin: Turn off power at the circuit breaker. Ensure you have the necessary tools (screwdriver, wire strippers, etc.).

1. Prepare the Fixture:

Attach the crossbar to the outlet box using two mounting screws. Remove the cover on the top of the camera. Insert a Micro SD card (sold separately) into the slot until it clicks. Place the cover back on. Change the position of the CCT switch on the housing to the desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).

2. Mount and Wire:

Tear off the EVA pad adhesive and stick it on the rear cover (pay attention to the direction of the gap). Thread the fixture wire through the gasket. Connect the wires: Black to Black, White to White, and Green to Green (ground). Secure the connection with wire nuts.

3. Secure the Fixture:

Drive the bracket screw through the center hole of the fixture base to the crossbar and secure it by tightening.



Image 4: Visual guide for the installation process.

7. OPERATING INSTRUCTIONS

7.1 Motion Sensor Operation

The built-in 180° motion sensor detects movement within its range (16.4-32.9 ft or 5-10 m). When motion is detected, the floodlight will illuminate, and the camera will begin recording. You can adjust the sensitivity and duration settings via the ASD SMART app.



Image 5: The built-in motion sensor detects movement.

7.2 Dusk-to-Dawn Photocell

The integrated photocell automatically senses ambient light levels. It will turn the floodlight on when it gets dark and turn it off when daylight returns, ensuring efficient operation without manual intervention.



Image 6: Built-in dusk-to-dawn photocell for automatic operation.

7.3 Color Temperature Selection (CCT)

Before final installation, you can select your preferred color temperature using the switch located on the fixture's housing. Choose from 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight) to match your aesthetic and lighting needs.



Image 7: Selectable color temperature options.

8. APP CONTROL AND SMART INTEGRATION

8.1 ASD SMART App Setup

To unlock the full potential of your floodlight camera, download and set up the ASD SMART app:

1. Download the **ASD SMART app** from the App Store (iOS) or Google Play Store (Android).
2. Register or log in to your account.
3. Select "Add a device" and choose "Camera and lock".
4. Follow the on-screen instructions to connect your device to your Wi-Fi network.
5. Scan the QR code on your camera when prompted.

For a detailed guide, please refer to the full manual PDF: [ASD Security Flood Light Camera Manual PDF](#)
Download the app:

iOS App Store: [ASD SMART on App Store](#)



Image 8: App control interface and smart assistant compatibility.

8.2 Remote Monitoring and Two-Way Audio

Through the ASD SMART app, you can:

- View live video feed from your camera anytime, anywhere.
- Engage in two-way audio communication with visitors or deter intruders.
- Receive instant motion-activated push notifications on your smartphone.

8.3 Recording Storage

Video recordings can be stored in two ways:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera for local storage.
- **Cloud Service:** Opt for a cloud storage subscription (available through the app) for secure, remote access to your recordings.



Image 9: Remote monitoring and recording storage options.

8.4 Smart Assistant Integration

Connect your ASD Security Flood Light Camera to Amazon Alexa or Google Assistant for convenient voice control.

Follow the instructions within the ASD SMART app to link your accounts and enable features like turning the light on/off or viewing the camera feed on compatible smart displays.

9. MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently clean the camera lens with a microfiber cloth to maintain clear image quality.
- **Regular Checks:** Periodically check for any loose connections or damage to the wiring and housing.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty wiring, photocell issue, CCT switch not set.	Check circuit breaker. Verify wiring connections. Ensure photocell is not obstructed. Confirm CCT switch is set.
Motion sensor not detecting.	Incorrect sensitivity settings, obstruction, improper installation height.	Adjust motion sensor sensitivity in the app. Clear any obstructions. Ensure installation height is appropriate (approx. 9.8 ft / 3 m).
Camera not connecting to Wi-Fi.	Incorrect Wi-Fi password, weak signal, router issues.	Double-check Wi-Fi password. Move router closer or use a Wi-Fi extender. Restart router. Ensure 2.4GHz Wi-Fi network is used.
Poor video quality.	Dirty lens, poor Wi-Fi signal, low light conditions.	Clean camera lens. Improve Wi-Fi signal strength. Ensure adequate lighting.
Two-way audio not working.	Microphone/speaker issues, app permissions.	Check app permissions for microphone. Ensure volume is up on your device.

11. WARRANTY INFORMATION







ASD provides a **5-year limited warranty** for this Security Flood Light Camera. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the official ASD website or contact customer support.

12. CUSTOMER SUPPORT

For additional assistance, technical support, or warranty inquiries, please visit the ASD Lighting Corporation website or refer to the comprehensive manual available online.

- **ASD Lighting Corporation Store:** [Visit ASD Store on Amazon](#)
- **Full Product Manual (PDF):** [Download PDF Manual](#)

Related Documents - A-SFL-20WH-SC

	<p>ASD LED Linear High Bay with Q-Base: Specifications and Installation Guide</p> <p>Comprehensive guide to ASD's LED Linear High Bay with Q-Base, detailing product specifications, features, installation instructions, and ordering information. Covers energy efficiency, selectable power and color temperature, motion sensor options, and battery backup.</p>
	<p>ASD LED Trimless Downlight - Product Specifications, Installation, and Ordering Guide</p> <p>Comprehensive guide to ASD LED Trimless Downlights, covering product features, detailed specifications, installation instructions, and ordering information. Features include color-selectable CCT, high CRI, IC and Wet Location ratings, and long lifespan.</p>
	<p>ASD LED Troffer Light - High-Quality Commercial Lighting</p> <p>Discover the ASD LED Troffer Light, a versatile and energy-efficient lighting solution for commercial and industrial spaces. Featuring selectable color temperature and power, built-in battery backup, and a durable design, this troffer light offers superior performance and longevity. Learn about its technical specifications, installation guide, and product presentation.</p>
	<p>ASD LED Seamless Vapor Proof Fixture - Product Specifications and Installation Guide</p> <p>Detailed specifications, features, and installation guide for the ASD LED Seamless Vapor Proof Fixture. Includes information on design, battery backup, color and power selection, applications, advantages, product presentation, ordering information, electrical and environmental specifications, annexes, package contents, and motion sensor information.</p>
	<p>ASD LED Round Downlight with Junction Box - Product Specifications and Installation Guide</p> <p>Detailed specifications, features, and installation instructions for the ASD LED Round Downlight with Junction Box. Learn about its design, energy efficiency, certifications, and ordering information.</p>
	<p>ASD LED Outdoor Wall Sconce: Modern, Color Selectable, Photocell Lighting</p> <p>Explore the ASD LED Outdoor Wall Sconce, featuring a modern design, clear seeded glass, 180° beam angle, and triac dimming. Offers color-selectable CCT (3000K/4000K/5000K) and a built-in dusk-to-dawn photocell. Rated for Wet Locations, durable, with a 50,000-hour lifespan and 5-year warranty. ETL certified.</p>

