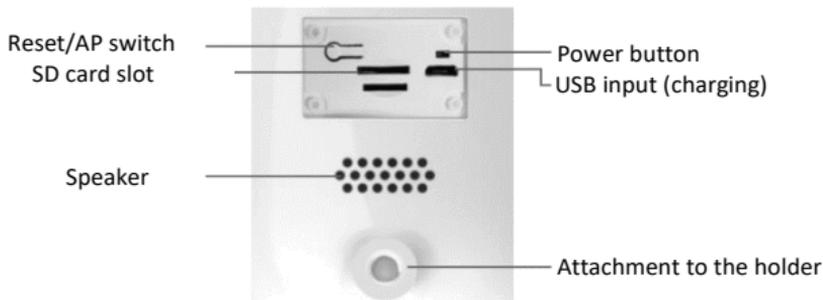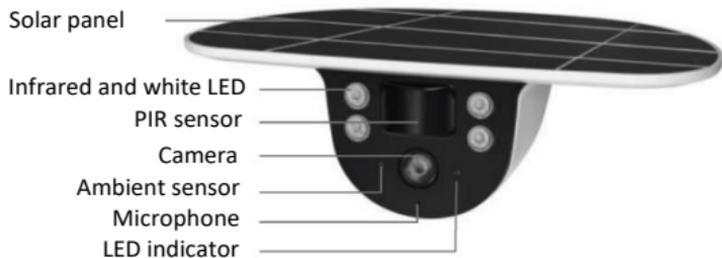# SⓈLIGHT

Dear customer, thank you for purchasing our product. Please read the following instructions carefully and follow them to serve you safely and to your full satisfaction. This will prevent misuse or damage. Avoid unprofessional handling of this appliance and always observe the electrical appliance usage guidelines. Keep the instruction manual carefully.

DESCRIPTION

Solar panel

Infrared and white LED

PIR sensor

Camera

Ambient sensor

Microphone

LED indicator

Reset/AP switch

SD card slot

Power button

USB input (charging)

Speaker

Attachment to the holder

FEATURES

1. **Power button**: Switch the button to the left to turn the device on, switch it to the right to turn it off.
2. **Indicator light**: Blue indicates that the camera is connected to the Internet, red indicates that the connection to the Internet has failed.
3. **PIR sensor**: the camera will start working if motion is detected.
4. **Reset button**: to reset the camera, press the button for about 3 seconds, release the button when the device makes a sound.
5. **USB input**: Use a 5V adapter to charge the camera.

PACKAGING CONTENT

1. Camera
2. Camera holder
3. Micro USB cable
4. Screwdriver
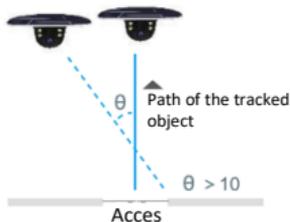5. Screws (4pcs)
6. Instructions

BEFORE THE STARTING

1. Charge the device for at least 3 hours (DC 5V/min 1A).
2. Switch on the device using the power button. When the indicator light comes on, reset the device using the reset button.
3. After the reset, use the mobile app to set up your device.

PIR SENSOR LOCATION

Install the camera so that the angle between the sensor and the detected object is greater than 10°. If a moving object approaches the PIR sensor perpendicularly, the sensor may not detect motion correctly.
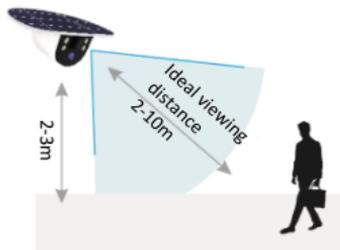
Remark:
- PIR sensor detects motion at approx. 6m (20ft)
- The detection angle of the PIR sensor is 120°

Path of the tracked object

θ > 10

Acces

CAMERA LOCATION

The ideal viewing distance is 2-10m, at this distance the camera can detect a person.

2-3m

Ideal viewing distance 2-10m

USING THE MOBILE APP

On GooglePlay (for Android) or the App Store (for iOS), search for an app called "Tuya Smart" and download it. Alternatively, use the QR code to download.

LOGIN/REGISTRATION

If you already have an account, click on the "Sign in with an existing account" button. If you do not have an account, click on the "Register" button

Select your country and enter your email address. Check the consent to the processing of personal data and click on the "Retrieve verification code" button.

The verification code will be sent to your registered email address and you can enter it in the fields on the screen.
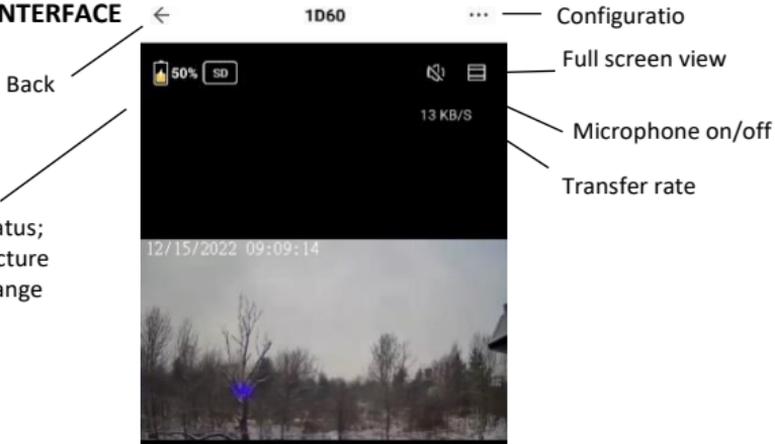
Set the password and click "Done"

CAMERA CONNECTION VIA WI-FI

Open the mobile app and click "Add Device", select "Camera and Lock", then Camera (Wi-Fi) and follow the instructions.

For a video tutorial with more information on how to connect the camera and the application itself, please visit www.youtube.com under the title "**Solight 1D60 - Application Instructions**"

CAMERA INTERFACE

Back

Battery status;
HD - SD picture
quality change

1D60

Configuratio

Full screen view

Microphone on/off

Transfer rate

Camera image

TECHNICAL PARAMETERS

Basic information	Powered by rechargeable battery and solar panel.
	1080P Full HD 2Mpx image and video quality.
	Day and night mode that switches automatically.
	High-quality, real-time, bi-directional audio transmission with noise cancellation.
	Thanks to the IP65 waterproof treatment, the device can be used continuously outdoors.
	Monitor from anywhere using a 2.4GHz WIFI connection.
	PIR motion detection, if the camera detects motion, a notification is sent to the phone.
	Support for cloud storage and local storage on a Micro SD card (max. 128 GB)

Sensor	Sensor	1/2.9" CMOS colour sensor, 2 MPx
	Angle of view	100°
Audio	Input/output	Two-way voice intercom capability (built-in microphone and speaker)
Video	Compression methods	H.265 (H.264, H.265 support)
	Image frame rate	25 frames per second
	Maximum image resolution	1920*1080P
	Light source for night vision	IR double optical filter with automatic switching, 4pcs 850nm LED and white light, IR range: 10m
Network	Wireless connection	2.4G Wi-Fi (IEEE802.11b/g/n)
	Supported protocol	TCP/IP, HTTP, TCP, UDP, SMTP, DHCP, DNS, P2P
Notification	Notification methods	Notifications via mobile app
Wake-up	Activating the camera	Wake up by PIR sensor when motion is detected, wake up by app
Video recording	Recording methods	PIR sensor triggered recording and manually triggered recording
	Saving a video	Cloud & Local storage on Micro SD card (128GB max)
Batteries	Capacity	5 000mAh
	Removable	Embedded
	Battery life	Approx. 3-6 months – if it clicks about 20 times a day
	Standby mode	1 year
	Charging parameters	DC5V/2A (Micro USB)
	Charging time	< 8 hours
Interface	Power	1x micro USB
	Memory card	1x SD card slot (Max. 128GB)
	Button	1x reset button, 1x button to turn off/on the device
Installation method	Installation methods	Holder with four universal screws
Environment	Dustproof and waterproof	IP65
	Operating temperature/humidity	-20° + 50°C / less than 90% (non-condensing)
Specifications	Dimensions (L/W/H)	220x70x130mm
	Material	ABS
Mobile applications	Application name	Tuya Smart or Smart Life, compatible with IOS and Android smartphones

Solar panel and battery life

The camera is powered by a solar panel. Under conditions of sufficient sunlight, the camera can operate fully without the need to recharge the battery with an external source. To achieve these conditions, or close to them, the camera needs to be positioned so that the panel is exposed to as much sunlight as possible. The ideal orientation is facing south and with a 30-45° tilt. Do not place the camera and panel in shady areas where the camera would be completely out of sunlight. The amount of time the camera is able to operate without external charging depends on many factors such as location, season, the amount of sunlight and the frequency with which the camera is used, etc.