tuya

Low Power Solar WiFi Camera

User's Manual

The images in this Manual may differ from the product actual, which shall prevail

This Manual applies to the TN series

Important Note

Please install camera where there is strong sunlight, Otherwise camera will be ultra low battery power.

Note

1. Contents this manual describe may differ from the latest product you can.When you have issues not able to solve, please contact your distributor.
2. The manual subject to change without notice.

Note for installation

1.Installation

- Keep away from fire source.
- Read this user manual carefully before installation.
- Do not install camera where there is violent vibration.
- Do not put other devices on camera.

2.Transportation

- To avoid damage, please use original packing for transportation
- Handle with care.

I. Packing List:

S/N	NAME
1	Camera
2	Solar panel with battery cabin
3	Bracket for solar panel
4	18650 battery (Optional)
5	Tweezers
6	Screwdriver
7	User's Manual

II. Function List:

1. Powered by solar panel, long lasting time.
2. 100%Human Motion Detection, camera starts to record video while human motion is detected within 10 meters.
3. Live view on APP can trigger camera enter working mode.
4. Support 2.4GHz WIFI connection.
5. Can change to color night mode or IR night mode for night vision function.
6. While human motion is detected within 10 meters, white LED lit up, LED can work as street light, at same time camera start working (under color night vision mode).
7. Video storage by TF card or upload to cloud server (paid service).

III. Appearance

IV. Descriptions:

1. Solar panelsharging camera. Please install solar panel where can receive sunlight.
2. Battery cabinet: Install up to 4pcs 18650 battery. (4pcs or 8pcs battery is recommended).
   Cover plate on battery cabin should be well installed tightly. The cover, otherwise camera will be damaged due to waterproof.
3. Battery cabinet: Cover cap should be well installed to avoid damage by water leakage
4. WIFI antenna
5. PIR detector: human motion or object movement can trigger camera switching.
6. Lens for video capture.
7. White LED: led on at night or under darkness, can also work as street light.
8. Reset: can change to white LED mode or IR mode on APP.
9. Light sensor:
   Under indoorcamerlie trigger make green indicator on, Red indicator on when camera is power on. After WIFI is connected, red indicator off, blue indicator on. Red indicator flashes when camera is in pairing mode.
   Blue indicatorlie always on after WIFI is connected.
10. Photosensitive trigger white LED or IR LED on at night (or illumination is less than 5lux).
11. Microphone
12. Rubber waterproof cover plate for Camera plate should be well installed to avoid damage by water leakage.
13. Reset button:Reset to factory setting, while camera is active, press button for 5 seconds. Red indicator is on with repeat prompt.
14. TF card slot:support 8GB/16GB/32GB/64GB/128GB (format TF card before using).
15. power switch: press button for 5 seconds to power off / on.

V. Specification

Effective pixels	2.0MP
Resolution	1920*1080
WIFI protocol	2.4GHz, IEEE 802.11 b/g/n
Pan & Tilt	Pan: 355° Tilt: 90°
Motion detection distance	0-12M(50% Sensitivity)
Video capture distance	0-12M(50% Sensitivity)
Working temperature	-10℃to 45℃
Working humidity	0%-95%RH
Working mode	Trigger by 100% human motion detection or live view via APP
Standby mode power consumption	0.00W
Working mode power consumption	Daytime:<2.2W; nightime:<7.7W
Waterproof	IP66

VI. Device connection

1. Install APP and Register
   Scan QR code to download and install "Smart Life" APP. Follow instruction on APP to register an account and log in.

2. Insert TF card

Open cover plate at bottom of camera, insert TF card into slot. Install cover plate by tightening the screws. Installing cap should be well installed to avoid damage by water leakage.Format TF card before using.

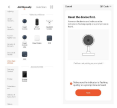
3.Connect power cable

waterproof cap should be well installed to avoid damage by water leakage.Power on camera.

Red indicator is on, camera is under configuration mode. If no red indicator on, press reset button for 5 seconds, reset camera to factory setting.

4.Config Camera

Open APP, click add device, or click + on the right top, choose(for example)Camera, smart camera, Follow instruction to add camera.


Add Device
Small Home Electrics
Camera
Smart Camera
Camera (other)
Camera (Wi-Fi)
Camera (Ethernet)
Camera (Wi-Fi - Battery)
Camera (Ethernet - Battery)
Camera (Gateway)
Camera (Gateway - Battery)
Camera (Gateway - Battery - Sub-device)
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