

Datasheet

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Battery-Powered Outdoor Security Camera



Overview

- **Wire-Free, Installs Almost Anywhere:** Eliminates the need for outlets and enables flexible placement. Add security to your home, wherever, whenever.
- **Superior 2K Visuals:** Capture every detail in crystal-clear 2K resolution, with advanced algorithms ensuring perfect exposure day and night.
- **Color Night Vision:** See the night in vivid colors with the large aperture lens and built-in spotlights effective up to 30 feet (9m).
- **Extended Battery Life:** With up to 180 days of security on a single charge, the Tapo camera minimizes maintenance.
- **Flexible Storage Options:** Choose from local microSD storage up to 512GB or the secure Tapo Care cloud service for additional peace of mind.
- **Smart Person Detection:** Get alerts when a person is detected, reducing false alerts and unnecessary notifications.
- **Intelligent Phone Notifications:** Customize activity zones for precise motion detection and phone alerts, focusing on what truly matters.

- IP65 Weatherproof: Offers excellent waterproof and dustproof performance for outdoor scenarios.

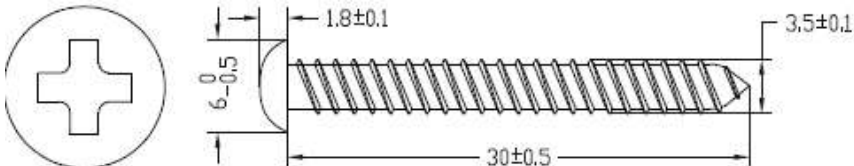
Features

	Long-Lasting Rechargeable Battery The built-in rechargeable battery lasts up to 180 days* on a single charge.		Color Night Vision Enhances your nighttime security by revealing vivid colors with the built-in dual spotlights.
	2K Crystal-Clear Live View Captures every detail in crystal-clear 2K resolution, with advanced algorithms ensuring perfect exposure day and night.**		Smart Person Detection Receive notifications only when a person is detected, reducing false alerts and prolonging battery life.
	Optional Solar Panel Enjoy a maintenance-free security experience with the Tapo Solar Panel, which provides a continuous power supply.***		Local and Cloud Storage Store footage on a microSD card (up to 512 GB)**** without a subscription, or use cloud storage for added convenience.*****
	Customizable Sound and Light Alarm Record your voice and set the spotlight brightness to create an alarm that fits your needs.		Two-Way Audio Talk and listen through the device with its integrated microphone and speaker.
	IP65 Weatherproof Performs well even in harsh environments with rain and dust, ideal for indoor/outdoor scenarios.		

Specifications

Camera	
Image Sensor	1/2.8"CMOS Sensor
Lens	Focal Length: 3.17 mm Aperture: F1.65 Field of View: 125° (Diagonal), 111°(Horizontal), 56°(Vertical)
Night Vision	850 nm IR LED (30 ft / 9.1 m) Full-Color Night Vision
Night Mode	IR-Mode/ Full-Color Mode
Lighting	2× Spotlights
Interface & Button	1× POWER Button 1× RESET Button 1× microSD Card Slot (Up to 512 GB)

Video & Audio	
Maximum Resolution	2K 3MP (2304 × 1296 px)
Focal Length	15fps
Video Compression	H.264
Live View	Yes
Image Enhancement	3D DNR WDR
Audio Input & Output	Built-in Microphone and Speaker
Audio Communication	Two-Way Audio with Noise Cancellation
Siren Volume	94 dB (Level measured at 4-inch/10-cm distance)
Storage	
Local Storage	microSD Card Slot on Camera (Up to 512 GB) (SD Card Purchased Separately)
Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
Detection & Notification	
Sensor	Single Motion Sensor (FOV: 110° horizontal) Single Ambient Light Sensors
Detection	Motion Detection AI Detection (Person Detection)
Activity Zones	Yes
Output Notification	System Notification System Notification with Snapshot (Tapo Care Services)
Network	
Network Connectivity	Connect via Wi-Fi
Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi
Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
Protocol	TCP/IP, ICMP, DNS, HTTPS, TCP, UDP
Security	
Security	128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK
Power	

Power Source	• Built-in Rechargeable Lithium-ion Battery • Optional Solar Panel: Tapo A201 (Sold separately)
Camera Adapter Input	100-240 V, 50/60 Hz (Not included)
Camera Adapter Output	5.0 V, 1.0 A (Not included)
Power Cord Length	USB Adapter Cable Length: 0.5 m (19.68 in.)
Camera Typical Power Consumption	1.04 W
Camera Maximum Power Consumption	2.12 W
General	
Smart Integration	Google Assistant, Amazon Alexa
Weather Resistance	IP65
Mounting Options	Tabletop Ceiling-Mounted Wall-Mounted
Operating Temperature	-20°C~ 45°C (-4 °F~ 113°F)
Storage Temperature	-40°C~ 60°C (-40 °F~ 140°F)
Operating Humidity	10%~90% RH, Non-condensing
Storage Humidity	5%~90% RH, Non-condensing
Charging Temperature	0°C ~ 45°C (32 °F~ 113°F)
Weight	230 g / 8.1 oz
Dimensions	D60 mm*89 mm (D2.36 in. * 3.5 in.)
Package Contents	Tapo Camera Camera Bracket USB Adapter Cable Mounting Screws Mounting Anchors Mounting Template Sticker Quick Start Guide
Mounting Screw Size	

*The time of use includes recording and watching live views. 180-day battery life is based on Tapo laboratory tests with 250s of use per day. Actual battery life may vary due to device settings, usage, router

specifications, and environmental factors.

****Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.**

*****Tapo solar panel purchased separately. Actual experience may vary due to placement angle, weather conditions, and camera usage.**

******microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.**

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