Outdoor Pan/Tilt Security Wi-Fi Camera

Tapo C510W

2K Resolution

Color Night Vision

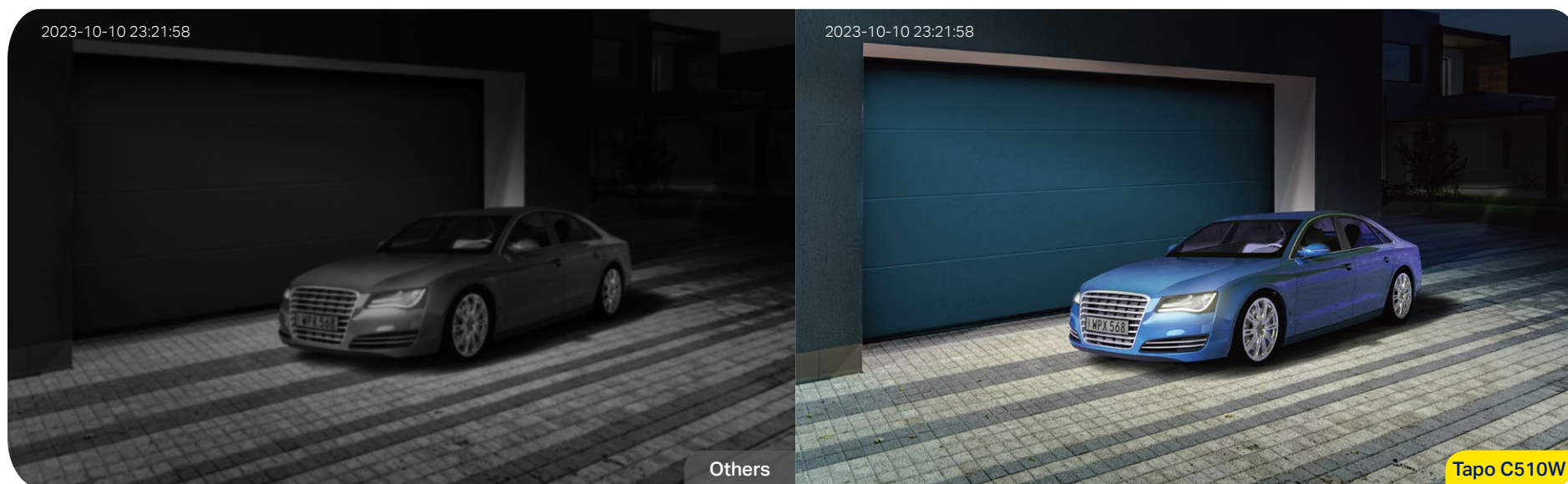360° Visual Coverage | Smart Motion Tracking | Local microSD Storage (Up to 512 GB)[†]

works with **amazon alexa**

works with **Google** Home

// Highlights

Color Night Vision

Enhances your security by revealing high-detailed and full-color images with built-in spotlights, even in darkness.

Features

2K 3MP Live View

Captures more details and delivers higher definition pictures with a resolution of 2304×1296.$^{\triangle}$

Patrol Mode

Keep the camera cruising between two customized points to keep an eye on more vital areas.

Activity Zones

Set customized detection areas to only let what matters alert you.

Person and Motion Detection

Smart AI identifies people and motion, then notifies users as needed through the Tapo Smart App.

Local† and Cloud‡ Storage

To store your videos, choose between a microSD card storage of up to 512 GB† or Tapo Care cloud storage‡.

Customizable Sound and Light Alarm

Record your own audio as an alarm and adjust the brightness for your customized use.

360° Vision and Motion Tracking

Offers a panoramic view of your surroundings. Tracks and follows motion with high-speed rotation.

Two-Way Audio

Enables real-time conversational communication through a built-in microphone and speaker.

IP65 Weatherproof

Offers excellent waterproof and dustproof performance for outdoor scenarios.

†microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.
‡Subscribe for cloud storage at https://www.tapo.com/tapocare/
$^{\triangle}$Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.
For more information, please visit https://www.tapo.com/
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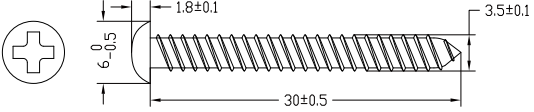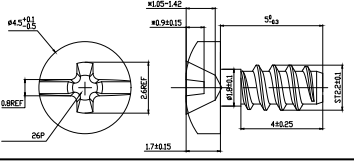©2024 TP-Link

// Specifications

Camera	Image Sensor	1/2.8" Progressive Scan CMOS Sensor
	Lens	Focal Length: 3.9 mm Aperture: F2.0 Field of View: 97.23° (Diagonal), 82.3° (Horizontal), 45.31° (Vertical)
	Night Vision	850 nm IR LED (98 ft / 29.9 m) Full-Color Night Vision
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	2× Built-in Spotlights
	Interface & Button	1× RESET Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
Video & Audio	Maximum Resolution	2304 x 1296 px
	Frame Rate	15 fps
	Digital Zoom	None
	Video Compression	H.264
	Live View	Yes

Video & Audio	Image Enhancement	3DNR WDR
	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation
	Siren Volume	90 dB (Level measured at 4-inch/10-cm distance)
Storage	Local Storage	microSD Card Slot on Camera (Up to 512 GB)
	Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
Detection & Notification	Sensor	/
	AI Detection	Motion Detection Person Detection Camera Tampering
	Activity Zones	Yes *Only works with Motion Detection.
	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, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP

Network	Max. Distance Between Hub and Camera/Doorbell	/
	Ethernet Port	/
	RTSP	Yes
	ONVIF	Yes
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
Power	Power Source	12 V DC Power Adapter
	Input Voltage	100-240 V, 50/60 Hz
	Output Voltage	12 V, 1 A (DC Power)
	DC Power Connector Size	Inside Ø: 2.1 mm Outside Ø: 5.5 mm
	Power Cord Length	3 m
Power	Typical Power Consumption	3.75 W
	Maximum Power Consumption	12 W

General	Certifications	CE, FCC, RoHS, RCM, JRF, VCCI, KC, IC, NCC, BSMI, WWA, NTRA
	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP65
	System Requirements	Tapo App: iOS 9.0 or higher, Andriod 4.4 or higher
	Mounting Options	Ceiling-Mounted Wall-Mounted Pole-Mounted (Pole-Mounting loops required but not included)
	Operating Temperature	-30 ℃ ~ 60 ℃ (-22 ℉ ~ 140 ℉)
	Storage Temperature	-40 ℃ ~ 60 ℃ (-40 ℉ ~ 140 ℉)
	Operating Humidity	10% ~ 90% RH, Non-condensing
	Storage Humidity	0 ~ 90% RH, Non-condensing
	Charging Temperature	\
	Mounting Screw Size	
	SD Card Slot Cover Screw Size	
	Dimensions	4.9 × 4.8 × 3.5 in (123.8 × 123 × 90 mm)

General	Weight	12.8 oz / 364 g
	Package Contents	Tapo C510W Camera Power Adapter Mounting Anchors Mounting Screws Bracket Screws Mounting Template Mounting Bracket Waterproof Seal Quick Start Guide