

Tapo C500 V1 (TAPO C500)

Tapo C500 V1 - Network surveillance camera - indoor, outdoor - dust resistant / water resistant - colour (Day&Night) - 1920 x 1080 - 1080p - fixed focal - audio - wireless - Wi-Fi - 2.4GHz radio - H.264



The TP-Link Tapo C500 V1 stands out as a versatile and secure surveillance camera, designed to cater to both indoor and outdoor monitoring needs. With its ability to operate across a wide range of temperatures and humidity levels, it ensures dependable operation in diverse environmental conditions. This camera boasts a suite of features including 1080p video resolution, day and night functionality, and person detection, providing users with clear, detailed footage around the clock. Security is enhanced with compliance to multiple standards such as AES-128 and WPA2-PSK, ensuring data protection and network integrity. Additionally, its compatibility with Alexa and Google Assistant allows for seamless voice control, making it a convenient addition to any smart home ecosystem. Whether for home security or monitoring business premises, the TP-Link Tapo C500 V1 offers a comprehensive solution that combines performance, reliability, and ease of use.

Key Selling Points

- 1080p Full HD live view - reveals clear and sharp images with more details
- Person detection and motion tracking - smart AI identifies a person while tracking motion with high-speed rotation, notifying users as needed
- 360° visual coverage - provides 360° horizontal and 130° vertical range to cover every corner
- Night vision (up to 98 feet) - ensures your safety by providing a clear visual distance of up to 98 feet even in total darkness
- IP65 weatherproof - offers excellent waterproof and dustproof performance for outdoor scenarios
- Multiple installation options - use the mounting screws, template and loops to install on any wall, ceiling or pole for the perfect view - wherever you want
- Customizable sound alarm - record your customized audio as an alarm to extend your usages
- Physical privacy mode - maintains your privacy with the lens physically blocked by the housing
- Two-way audio - enables communication through a built-in microphone and speaker

Product Features

- Person detection and motion tracking
Smart AI identifies a person while tracking motion with high-speed rotation, notifying users as needed.
- 1080p Full HD, clear every second
Capture more details to make every moment shine.
- IP65 water and dust resistant
Offers excellent waterproof and dustproof performance for outdoor scenarios.
- Customizable sound alarm
Record your customized audio as an alarm to extend your usages.

Main Specifications

Product Description	Tapo C500 V1 - network surveillance camera
Device Type	Network surveillance camera - fixed - indoor, outdoor - dust resistant / water resistant
Audio	Yes: built-in speaker, two-way audio capability, built-in microphone
Camera Mount Type	Ceiling mount
Dimensions (WxDxH)	12.38 cm x 12.3 cm x 9 cm
Connectivity Technology	Wireless
Camera	Colour - Day&Night
Max Resolution	1920 x 1080
Frame Rate (max)	15 frames per second
Motion Detection	Yes
Video Modes	1080p
Optical Sensor Type	1/3"
Focal Length Control	Fixed focal
Interfaces	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, 2.4GHz radio
Intelligent Assistant	Alexa, Google Assistant
Voltage	AC 100-240 V
Features	Person Detection, reset button, LED indicator, motion detection
Environmental Parameters (operating)	-30 °C - 60 °C; 10 - 90% RH (non-condensing) relative humidity

Extended Specification

General

Device Type	Network surveillance camera
Audio Support	Yes: built-in speaker, two-way audio capability, built-in microphone
Camera Mount Type	Ceiling mount
Connectivity Technology	Wireless
Width	12.38 cm
Depth	12.3 cm
Height	9 cm

Miscellaneous

Included Accessories	Anchors, mounting template, mounting bracket, screw, power adapter, waterproof seal plug
Compliant Standards	WPA, WPA2-PSK, AES-128, SSL, TLS, RoHS, RCM, FCC

Power

Power Device	Power adapter AC 100-240 V (50/60 Hz)
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Environmental Parameters

Min Operating Temperature	-30 °C
Max Operating Temperature	60 °C
Relative Humidity (operating)	10 - 90% RH (non-condensing)

Camera

Type	Colour - Day&Night - fixed - indoor, outdoor - dust resistant / water resistant
Digital Video Format	H.264
Max Digital Video Resolution	1920 x 1080
Motion Detection	Yes
Video Modes	1080p
Infrared LEDs	Yes
Infrared Distance	15 m
Digital Video Capture Resolution	1920 x 1080
Frame Rate (max)	15 frames per second
Features	Person Detection, reset button, LED indicator, motion detection

Lens Construction

Type	Fixed focal
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Image Sensor

Type	1/3"
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Interfaces

Network Interface	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, 2.4GHz radio
Network Protocols	TCP/IP, ICMP, DNS, HTTPS, UDP/IP

Internet of Things (IoT)

Internet of Things (IoT) Compatible	Yes
Intelligent Assistant	Alexa, Google Assistant

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