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Datasheet

Outdoor Security Wi-Fi Camera

2K
Resolution

Tapo C310



Person and Motion Detection

Night Vision
(Up to 98 ft)

Local microSD Storage
(Up to 512 GB)†

IP66
Weatherproof

works with amazon alexa

works with Google Home

Highlights

Person and Motion Detection Protect You Day and Night

Receive instant notifications when a person or motion is detected to keep an eye on vital areas. The sound alarm will also trigger automatically to frighten away unwanted visitors.



Features

2K Resolution[Δ]

Reveals clearer images and more details than 1080p.

IP66 Weatherproof

Helps Tapo C310 perform well even in harsh environments with rain and dust.

Dual Powerful Antennas

Provides wider Wi-Fi coverage and more stable wireless connection with dual external antennas.

Night Vision(Up to 98 ft)

Provides a visual distance of up to 98 ft (30 m) even in total darkness to always keep you safe.

Activity Zones

Set up activity zones to only receive alerts that matter.

Sound Alarm

Triggers sound effects to frighten away unwanted visitors.

Local[†] & Cloud[‡] Storage

Save recorded videos to a microSD card (up to 512GB)[†] or by using Tapo Care[‡] cloud storage services.

Wired/Wireless Networking

Connect the camera to your network through Ethernet or Wi-Fi for more flexible installation.

Two-Way Audio

Enables communication through a built-in microphone and speaker.

[†]microSD card needs to be purchased separately.
[Δ]Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.
[‡]Subscribe for cloud storage at https://www.tapo.com/tapocare/
For more information, please visit https://www.tapo.com/

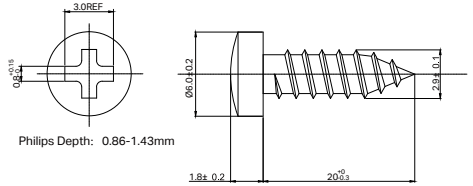
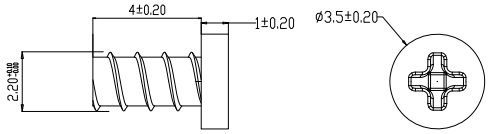
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Specifications

Camera	Image Sensor	1/2.8" Progressive Scan CMOS Sensor
	Lens	Focal Length: 3.9mm Aperture: F2.0 Field of View: 100° (Diagonal), 84° (Horizontal), 46° (Vertical)
	Night Vision	850 nm IR LED (98 ft / 29.9 m)
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	2× Built-in Spotlights
	Interface & Button	1× Ethernet Port 1× RESET Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
Video & Audio	Maximum Resolution	2304 × 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	91 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 Line-Crossing Detection Area Intrusion 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 or Ethernet
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi

Network	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 144.4 Mbps
	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
	Max. Distance Between Hub and Camera/Doorbell	/
	Ethernet Port	1× 10/100 Mbps RJ45 Port on Camera
	RTSP	Yes
	ONVIF	Yes
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
Power	Power Source	9 V DC Power Adapter
	Input Voltage	100-240 V, 50/60 Hz
	Output Voltage	9 V, 0.6 A (DC Power)
	DC Power Connector Size	Inside Ø: 2.1 mm Outside Ø: 5.5 mm
	Power Cord Length	3 m
	Typical Power Consumption	2.3 W
	Maximum Power Consumption	4 W

General	Certifications	CE, FCC, RoHS, RCM
	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP66
	System Requirements	Tapo App: iOS 9.0 or higher, Andriod 4.4 or higher
	Mounting Options	Wall-Mounted
	Operating Temperature	-20 °C ~ 45 °C (-4°F ~ 113 °F)
	Storage Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)
	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	5.6 × 4.07 × 2.53 in (142.3 × 103.4 × 64.3mm)

General	Weight	7.76 oz / 220 g
	Package Contents	Tapo C310 Camera Power Adapter Mounting Anchors Mounting Screws Mounting Template Waterproof Seal Waterproof Cable Attachments Quick Start Guide