

# Outdoor Security Wi-Fi Camera

2K  
QHD

Tapo C320WS

 Starlight Color Night Vision

Person/Vehicle  
Detection

Local microSD Storage  
(Up to 512 GB)\*

IP66  
Weatherproof



works with alexa

works with Google Home

## // Highlights

### Starlight Color Night Vision Protects You Day and Night.

Equipped with an F1.6 large-aperture lens and starlight sensor, Tapo C320WS enhances your security by revealing highly-detailed and bright-color images even under low-light conditions.



## // Features



### 2K QHD Live View<sup>Δ</sup>

Now with 1.7 × more pixels than 1080p, providing clearer videos and more crisp photos.



### IP66 Weatherproof

Helps Tapo C320WS 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.



### Person/Vehicle Detection

Smart AI identifies people and vehicles, notifying users as needed.



### Activity Zones

Set up activity zones to only receive alerts that matter.



### Sound and Light Alarm

Triggers sound and light effects to frighten away unwanted visitors.



### Local<sup>†</sup> & Cloud<sup>‡</sup> Storage

Save recorded videos to a microSD card (up to 512GB)<sup>†</sup> or by using Tapo Care<sup>‡</sup> 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.

<sup>†</sup>microSD card needs to be purchased separately.

<sup>Δ</sup>Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

<sup>‡</sup>Subscribe for cloud storage at <https://www.tapo.com/tapocare/>

For more information, please visit <https://www.tapo.com/>

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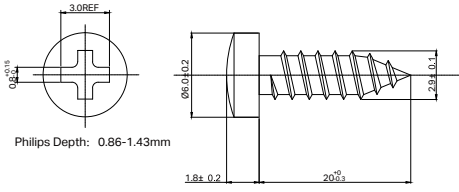
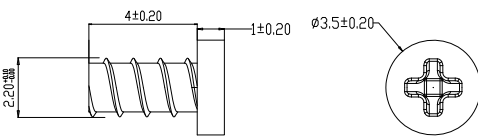
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## // Specifications

<b>Camera</b>	Image Sensor	1/3" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 3.18mm Aperture: F1.61 Field of View: 113° (Diagonal), 97° (Horizontal), 54° (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× Ethernet Port 1× RESET Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
<b>Video &amp; Audio</b>	Maximum Resolution	2560 × 1440 px
	Frame Rate	15 fps
	Digital Zoom	12x
	Video Compression	H.264
	Live View	Yes

<b>Video &amp; Audio</b>	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)
<b>Storage</b>	Local Storage	microSD Card Slot on Camera (Up to 512 GB)
	Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
<b>Detection &amp; Notification</b>	Sensor	/
	AI Detection	Motion Detection Person Detection Vehicle 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)
<b>Network</b>	Network Connectivity	Connect via Wi-Fi or Ethernet
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi

<b>Network</b>	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
<b>Security</b>	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
<b>Power</b>	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	2.5 W
	Maximum Power Consumption	4.5 W

<b>General</b>	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	 <p>Philips Depth: 0.86-1.43mm</p>
	SD Card Slot Cover Screw Size	
Dimensions	5.6 × 4.07 × 2.53 in (142.3 × 103.4 × 64.3mm)	

<b>General</b>	Weight	8.11 oz / 220 g
	Package Contents	Tapo C320WS Camera Power Adapter Mounting Anchors Mounting Screws Mounting Template Waterproof Seal Waterproof Cable Attachments Quick Start Guide