

Tapo C530WS

Camera

Image Sensor	1/2.7" Progressive Scan CMOS Starlight Sensor
Lens	Focal Length: 4.0 mm Aperture: F1.6 Field of View: 105.3° (Diagonal), 88.0°(Horizontal), 46°(Vertical)
Night Vision	850 nm IR LED (98 ft / 29.9 m) Starlight Color Night Vision
Lighting	2× Built-in Spotlights
Interface & Button	1× Ethernet Port 1× RESET Button 1× MicroSD Card Slot (Up to 512GB)
Pan/Tilt Range	Pan Mechanical Range: 340° (360° Pan Coverage) Tilt Mechanical Range: 90° (135.5° Tilt Coverage)

Video & Audio

Maximum Resolution	3K 5MP (2880 × 1620 px)
Frame Rate	15/20/25/30 fps (Default 15 fps)
Digital Zoom	12x

Video Compression	H.264
Live View	Yes
Image Enhancement	3DNR WDR
Audio Input & Output	Built-in Microphone and Speaker
Audio Communication	Two-Way Audio with Noise Cancellation
Siren Volume	93 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 and Notifications

AI Detection	Motion Detection Person Detection Pet Detection Vehicle Detection Line-Crossing Detection Tamper Detection
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Activity Zones	Yes
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/ax, 2.4 GHz Wi-Fi
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
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Power

Power Source	9V DC Power Adapter
Input Voltage	100-240 V, 50/60 Hz

Output Voltage	9 V, 0.85 A (DC Power)
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General

Smart Integration	Google Assistant, Amazon Alexa
Weather Resistance	IP66
System Requirements	Tapo App: iOS 12.0+ and Android 5.0+ operating systems
Mounting Options	Ceiling-Mounted Wall-Mounted Pole-Mounted (Pole-Mounting loops required but not included)
Operating Temperature	-30°C~60°C
Storage Temperature	-40°C~60°C
Operating Humidity	10%~90% RH, Non-condensing
Storage Humidity	0~90% RH, Non-condensing
Dimensions (W x D x H)	4.9 × 4.8 × 3.5 in (123.8 × 123 × 90 mm)
Package Content	Tapo C530WS Camera Power Adapter Mounting Anchors Mounting Screws Bracket Screws Mounting Template Mounting Bracket

	Waterproof Seal Waterproof Cable Attachments Quick Start Guide
Certifications	CE, FCC, RoHS, RCM