

# Pan/Tilt AI Home Security Wi-Fi Camera

**Tapo C220**

**2K  
QHD**



## Person/Pet/Vehicle Detection

Baby Crying  
Detection

Smart AI  
Tracking

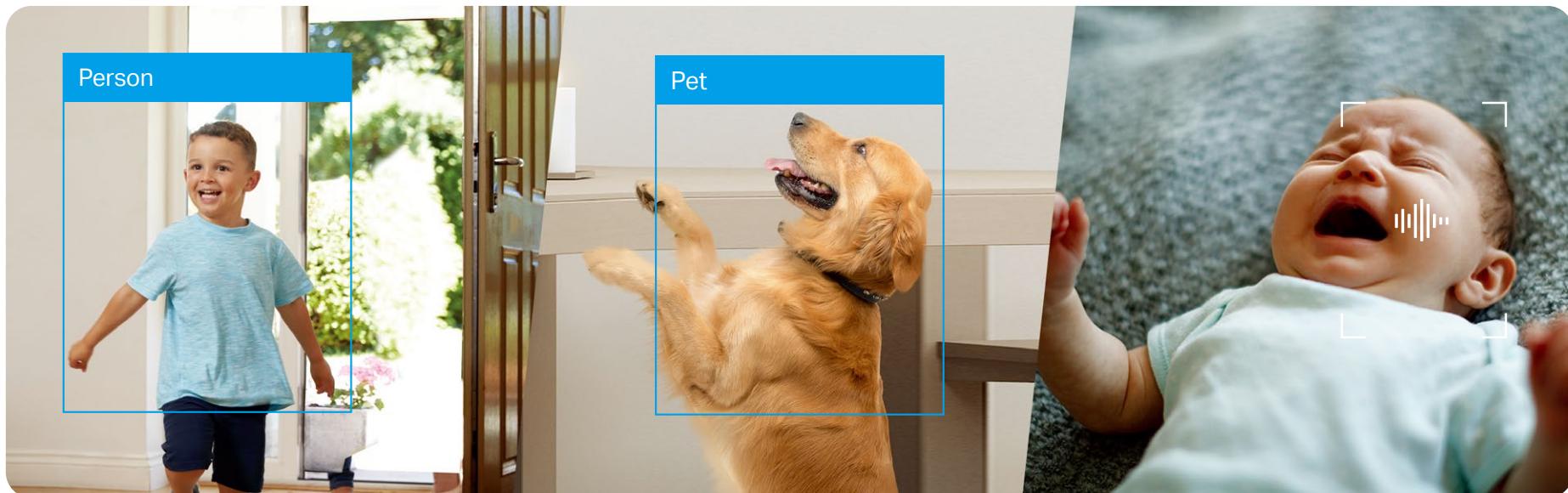
Night Vision up to  
40 ft



## // Highlight

### Smart AI Detection and Notification

Smart AI identifies people, pets, and vehicles while also recognizing abnormal sounds, notifying you as needed.



## // Features



### Smart AI Tracking

Accurately tracks and follows people or pets, keeping them in sight.



### 2K QHD<sup>▲</sup>

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



### Night Vision up to 40 ft

Provides a visual distance of up to 40 ft in total darkness.



### Local microSD Storage<sup>†</sup>

Store up to 512 GB of video on a microSD card.



### Field of View

360° horizontal range.



### Two-Way Audio

Communicate in real time through a built-in microphone and speaker.



### Customizable Block Zones

Set customizable block zones to keep private areas from being monitored.



### Cloud Storage Supported<sup>‡</sup>

Store videos by using cloud storage services.



### Activity Zones

Set up your own activity zones to only receive alerts that matter.

<sup>†</sup>microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.

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

<sup>§</sup>Tapo C220 does not have an Ethernet port and can only be connected via Wi-Fi.

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

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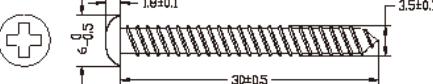
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## // Specifications

Camera	Image Sensor	1/3" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 4.0 mm ±5% Aperture: F2.0 ±5% Field of View: 88.3° (Diagonal), 75.2° (Horizontal), 40.8° (Vertical)
	Night Vision	850 nm IR LED (40 ft / 12 m)
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Interface & Button	1× RESET Button 1× microSD Card Slot (Up to 512 GB)
Video & Audio	Maximum Resolution	2560 × 1440 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

<b>Video &amp; Audio</b>	Audio Communication	Two-Way Audio with Noise Cancellation
	Siren Volume	99 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 Pet Detection Vehicle Detection Line-Crossing Detection Camera Tampering Baby Crying Detection Cat Meows Detection Dog Barks Detection Glass Break Detection
	Activity Zones	Yes *Only works with Motion & Person Detection.
	Output Notification	System Notification System Notification with Snapshot (Tapo Care Services)
	Network Connectivity	Connect via Wi-Fi
<b>Network</b>	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi

<b>Network</b>	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
	Ethernet Port	/
	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	9V 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
	Typical Power Consumption	3.0 W
	Maximum Power Consumption	5 W

<b>General</b>	Certifications	FCC, CE, NCC, BSMI, NTRA, JRF, VCCI, KC, RCM, ONVIF
	Smart Integration	Google Assistant, Amazon Alexa, Sumsang SmartThings
	Mounting Options	Tabletop Ceiling-Mounted
	Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)
	Storage Temperature	-40 °C ~70 °C (-40 °F ~ 158 °F)
	Operating Humidity	10%~90% RH, Non-condensing
	Storage Humidity	5%~90% RH, Non-condensing
	Mounting Screw Size	
	Dimensions	3.36 x 3.42 x 4.63 in (85.4 x 86.8 x 117.7 mm)
	Weight	6.7 oz / 190 g
	Package Contents	Tapo C220 Camera Power Adapter Quick Start Guide Mounting Anchors Mounting Screws Mounting Template Sticker Camera Base