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Datasheet

Pan/Tilt AI Home Security Wi-Fi Camera

2K QHD

Tapo C220



Human/Pet/Vehicle Detection

Baby Crying Detection | Motion Detection and Tracking | Night Vision up to 30 ft

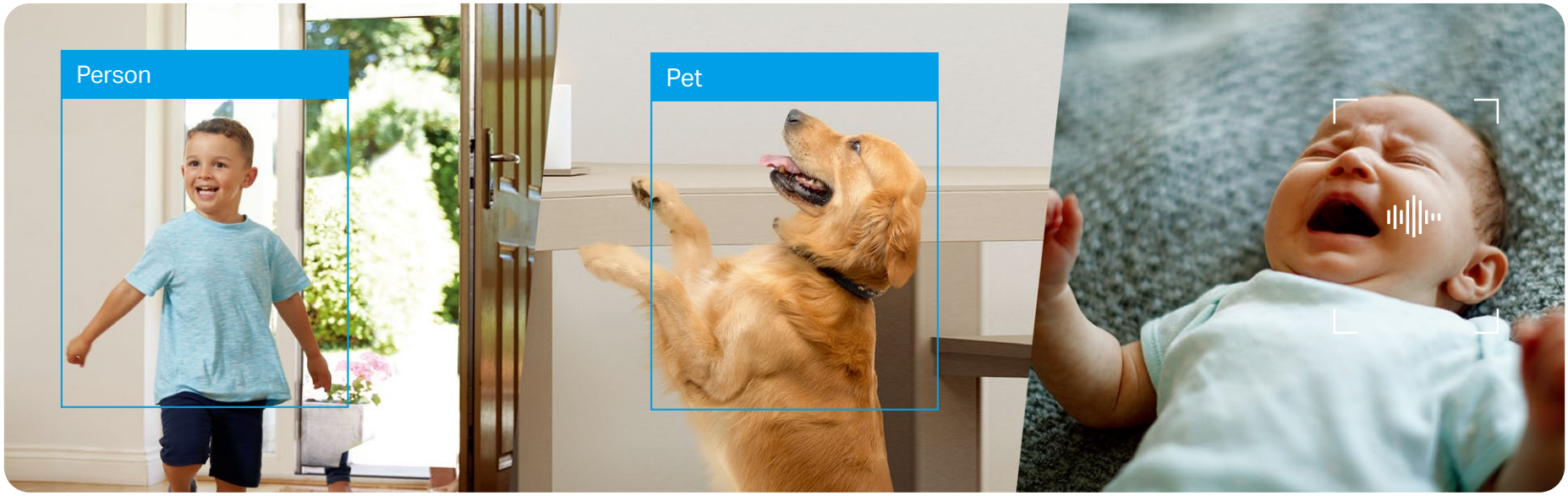
works with amazon alexa

works with Google Home

Highlight

Smart AI Detection and Notification

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



Features

2K QHD[Δ]
Now with 1.7 times more pixels than 1080p, providing clearer videos and photos

Motion Detection and Tracking
Whenever a camera detects motion, it will automatically follow the subject.

Field of View
360° horizontal range

Night Vision up to 30 ft
Provides a visual distance of up to 30 ft in total darkness

Activity Zone
Notifies you when activity is detected in specific zones

Cloud Storage Supported[‡]
Store videos by using cloud storage services

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

Two-Way Audio
Enables communication through a built-in microphone and speaker

Local microSD Storage[†]
Store up to 512 GB of video on a microSD card

[†]microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.
[‡]Subscribe for cloud storage at https://www.tapo.com/tapocare/
[§]Tapo C220 does not have an Ethernet port and can only be connected via Wi-Fi.
[Δ]Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

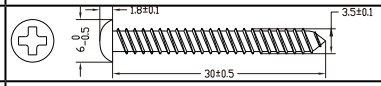
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Specifications

Camera	Image Sensor	1/3" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 4 mm Aperture: F2.0 Field of View: 88° (Diagonal), 75° (Horizontal), 41° (Vertical)
	Night Vision	850 nm IR LED (30 ft / 10 m)
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	/
	Interface & Button	1× RESET Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
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
Video & Audio	Image Enhancement	3DNR WDR

Video & Audio	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation
	Siren Volume	99 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 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 Detection.
	Output Notification	System Notification System Notification with Snapshot (Tapo Care Services)
Network	Network Connectivity	Connect via Wi-Fi
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi

Network	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
	Max. Distance Between Hub and Camera/Doorbell	/
	Ethernet Port	/
	RTSP	Yes
	ONVIF	Yes
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK
Power	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
	Power Cord Length	3 m
	Typical Power Consumption	3.15 W
	Maximum Power Consumption	5.4 W

General	Certifications	CE, FCC, RCM, WEEE, EAC
	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	/
	System Requirements	Tapo App: iOS 9.0 or higher, Andriod 4.4 or higher
	Mounting Options	Tabletop Ceiling-Mounted
	Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)
	Storage Temperature	-20 °C ~70 °C (-4 °F ~ 158 °F)
	Operating Humidity	10%~90% RH, Non-condensing
	Storage Humidity	5%~90% RH, Non-condensing
	Charging Temperature	\
	Mounting Screw Size	
	Dimensions	3.36 × 3.42 × 4.63 in (85.4 × 86.8 × 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 Camera Base