tp-link | tapo

Datasheet

Pan/Tilt AI Home Security Wi-Fi Camera

Tapo C225

2K QHD

Wi-Fi 6



Physical Privacy Mode

Free Smart AI Detection | Superior Starlight Vision with Ultra-Large Aperture | Customizable Smart Tracking

works with alexa

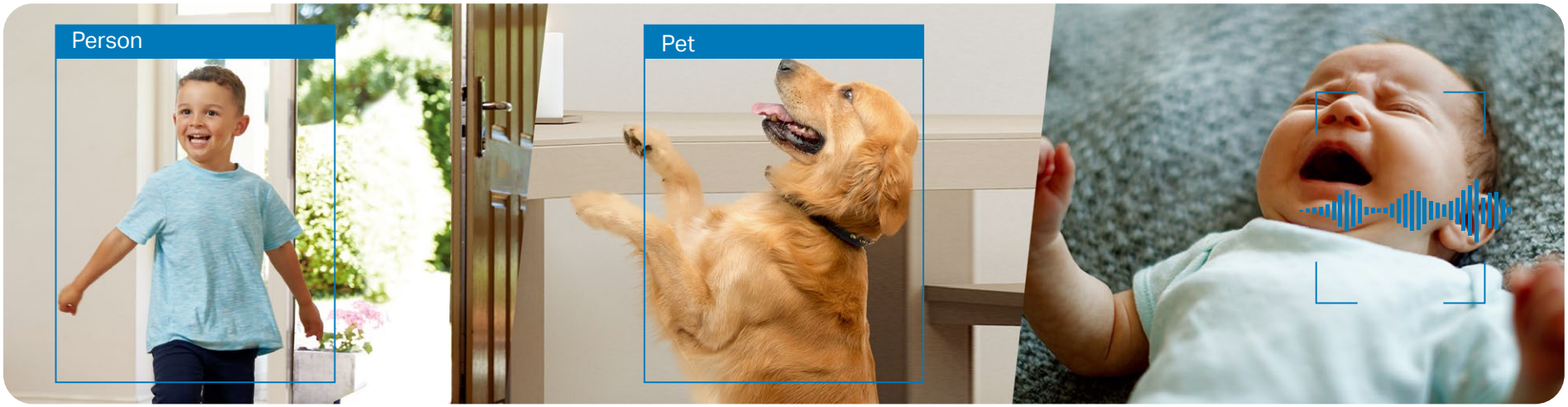
works with Google Home

Works with Apple Home

Highlights

Smart AI Detection and Notification

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



Features

Physical Privacy Mode

Maintains privacy with the lens blocked by the housing when physical privacy mode is enabled.

Superior Starlight Vision with Ultra Large Aperture

Reveals high-fidelity details in low-light environments with an f1.6 ultra-large aperture.

Customizable Block Zones

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

Crisp Two-Way Audio

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

Activity Zones

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

Customizable Smart Tracking

Tracks and follows the subjects you set, keeping it within the camera's field of view.

Discreet Night Vision with 940nm IR LED

Enjoy unobtrusive night-time monitoring of your baby or pet with the barely-noticeable, low-intensity 940nm IR LED.

2K QHD[Δ] + HDR

Capture sharper, more revealing images with HDR technology and 1.7× more pixels than 1080p.

Local[†] and Cloud[‡] Storage Supported

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

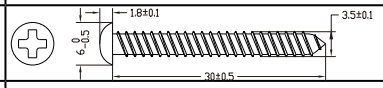
[†]microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.
[‡]Subscribe for cloud storage at https://www.tapo.com/tapocare/
[Δ]Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.
[§]Tapo C225 does not have an Ethernet port and can only be connected via Wi-Fi.
For more information, please visit https://www.tapo.com/
All brands and product names are trademarks or registered trademarks of their respective holders.
Specifications are subject to change without notice.
©2024 TP-Link

Specifications

Camera	Image Sensor	1/2.9" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 4.3 mm Aperture: F1.6 Field of View: 100° (Diagonal), 83° (Horizontal), 43° (Vertical)
	Night Vision	1 × 850 nm IR LED (30 ft / 10 m) 2 × 940 nm IR LED (30 ft / 10 m)
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	/
	Interface & Button	1× RESET Button 1× Privacy Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
Video & Audio	Maximum Resolution	2688 × 1520 px
	Frame Rate	15/20/25/30 fps (Default 15 fps)
	Digital Zoom	None
	Video Compression	H.264
	Live View	Yes

Video & Audio	Image Enhancement	3DNR WDR HDR
	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation
	Siren Volume	98 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/ax, 2.4 GHz Wi-Fi
	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps 11ax: 114.7 Mbps
	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
	Max. Distance Between Hub and Camera/Doorbell	/
	Ethernet Port	/
	RTSP	Yes
	ONVIF	No
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
Power	Power Source	12 V DC Power Adapter
	Input Voltage	100-240 V, 50/60 Hz
	Output Voltage	12 V, 1.0 A (DC Power)
	DC Power Connector Size	Inside Ø: 2.1 mm Outside Ø: 5.5 mm
	Power Cord Length	3 m

Power	Typical Power Consumption	4 W
	Maximum Power Consumption	7 W
General	Certifications	CE, FCC, NCC, BSMI, IC, VCCI, JRF, KC, RCM, NTRA, HomeKit, WEEE, EAC, RoHS
	Smart Integration	Google Assistant, Amazon Alexa, Apple HomeKit
	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	3.15 × 3.15 × 4.41 in (80 × 80 × 112 mm)
	Weight	11.01 oz / 312.12 g

General	Package Contents	Tapo C225 Camera DC Power Adapter Quick Start Guide Mounting Anchors Mounting Screws Mounting Template Camera Base