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Datasheet

Dual Lens Pan/Tilt Security Camera

Overview



See Wide, Zoom Sharp, Secure Everything.

- Flexible Dual Coverage: Monitor two separate areas at the same time with just one powerful camera. Reduce blind spots and get a more thorough, comprehensive overview of your home.
- Synchronized Smart Tracking: Seamlessly follows movement
- Minimize Blind Spots with Wide-Angle Lens
- Magnify Details with Telephoto Lens: The 6mm telephoto lens delivers 3x more clarity compared to standard lens and supports up to 10.8x digital zoom, ensuring every detail is clearly visible when you zoom in.
- Smarter, More Accurate Notifications Powered by AI: Stay informed with smart AI detection that recognizes and notifies you of people, pets, vehicles, and even baby cries - all without any subscription fees. Tailor your alerts by selecting which types of detection will trigger notifications.
- 360° Patrol, Preset Views & Custom Schedules: Activate Patrol Mode for continuous 360° surveillance, define up to 8 specific preset viewing points, and set personalized schedules to monitor specific areas at certain times.



Highlights

Superior Clarity and Coverage. Seamless Monitoring.

Two 2K 3MP lenses work together to capture a broader perspective, minimizing blind spots and delivering all-round protection for your home.



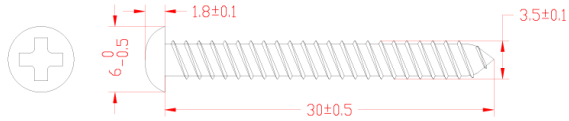
Features

	Synchronized Smart Tracking The pan/tilt camera seamlessly follows movements detected by the fixed camera, ensuring comprehensive and dynamic protection.		Free Smart AI Detection Identifies people, pets, vehicles and baby cry while only sending you alerts when truly needed.
	Two Views at Once One camera, two areas monitored simultaneously, ensuring minimal blind spots.		Customizable Privacy Zones Set customizable privacy zones to keep private areas from being monitored.
	One-Tap Smart Focus Simply select an area within the wide-angle view, and the pan/tilt camera will instantly focus on that point.		Local[†] and Cloud[‡] Storage Save recorded videos to a microSD card (up to 512 GB) [†] or by using Tapo Care [‡] cloud storage services.
	Night Vision up to 40 ft Provides a visual distance of up to 40 ft in total darkness.		Customizable Activity Zones Set up specific detection zones to be alerted for areas that matter most.
	Compact Design for Multiple Installation Methods It can be placed on a desk, hung on a wall or mounted on the ceiling.		

Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS Starlight Sensor
Lens	Wide-angle Lens Focal Length: 3.1 mm Aperture: F1.6 Field of View: 121.8° (Diagonal), 104.3° (Horizontal), 57.9° (Vertical) Telephoto Lens Focal Length: 6.0 mm Aperture: F1.6 Field of View: 65° (Diagonal), 56.5° (Horizontal), 30.6° (Vertical)
Pan-Tilt Range	Pan Mechanical Range: 340° (360° Pan Coverage) Tilt Mechanical Range: 70° (100° Tilt Coverage)
Night Vision	Infrared Night Vision (40 ft / 12 m)
Night Mode	Infrared Mode

Day/Night Switch	YES
Lighting	6× 850nm IR LED
Interface & Button	1× RESET Button 1× MicroSD Card Slot
Video & Audio	
Maximum Resolution	Wide-angle Lens: 2K 3MP (2304 × 1296px) Telephoto Lens: 2K 3MP (2304 × 1296px)
Frame Rate	Up to 15 fps
Digital Zoom	Wide-angle Lens: 10.8x Telephoto Lens: 10.8x
Live View	Yes
Image Enhancement	WDR
Audio Input & Output	Built-in Microphone and Speaker
Audio Communication	Two-Way Audio with Noise Cancellation
Siren Volume	69 dB (Level measured at 40-inch/100-cm distance)
Storage	
Local Storage	MicroSD Card Slot on Camera (Up to 512 GB) (SD Card Purchased Separately)
Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
Detection & Notification	
Sensor	None
AI Detection	Motion Detection Person Detection Pet Detection Vehicle Detection Line-Crossing Detection Camera Tampering Glass Break Detection Dog Bark Detection Baby Cry Detection Cat Meow Detection
Activity Zones	Yes *Only works with Motion/Person/Pet/Vehicle Detection.
Alarm Type	Customizable Sound Alarm Sound Alarm Light Alarm
Output Notification	App Notifications of Camera Event App Notification of AI Detection Event with Snapshot (Subscription Required)
Network	
Network Connectivity	Connect via Wi-Fi
Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi
Wireless Communication Technology	Wi-Fi
Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
Security	
Security	128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3-PSK
Power	

Power Source	9V DC Power Adapter
Input Voltage	9.0 V, 0.85A, DC jack Power
Output Voltage	N/A
Power Connector Size	Adapter: Inside Ø: 2.1 mm Outside Ø: 5.5 mm
Power Cord Length	Charging Cable Length: 3 m
Typical Power Consumption	3.2 W
Maximum Power Consumption	7.65 W
General	
Certifications	CE, JRF, RCM,VCCI, NCC, BSMI,KC, RoHS
Smart Integration	Google Assistant, Amazon Alexa,Samsung Smartthings
Weather Resistance	NA
Mounting Options	Ceiling-Mounted Wall-Mounted
Operating Temperature	0°C~40°C (32°F~104°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	N/A
Weight	Camera Weight: 7.83 oz / 222 g Bracket: 2.53 oz / 71.8 g
Dimensions	82.2 × 82.2 × 126.2 mm (3.24 × 3.24 × 4.97 in.)
Package Contents	Camera× 1 DC Power Adapter × 1 Mounting Templates × 1 Mounting Brackets × 1 Screws and Anchors × 4 Quick Start Guide
Mounting Screw Size	

[†]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 C245D does not have an Ethernet port and can only be connected via Wi-Fi.

[△]Compatible with Alexa, SmartThings and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

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