

Datasheet

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Outdoor Dual Lens Pan/Tilt Security Camera



Overview

- **4K 8MP Dual Lens** - Capture the full picture with dual 4K ultra clear optics, monitoring two separate areas at the same time with just one device.
- **4K 170° Ultra-Wide View** - Enjoy a sweeping 170° field of view in true 4K clarity for broader coverage with fewer blind spots.
- **4K Pan/Tilt Zoom-In Details** - The 8mm telephoto lens delivers 9.4 × clarity compared to standard lens and supports up to 18 × digital zoom, ensuring every detail is clearly visible when you zoom in.

- **Synchronized Smart Tracking** - When the fixed lens detects events, the pan/tilt lens will automatically pivot to focus on and track the moving object.
- **One-Tap Smart Focus** - Select an area in the wide-angle view, and the pan/tilt camera will focus on it instantly.
- **IP66 Weather Resistance** - Delivers reliable surveillance through rain, snow, dust, and scorching heat. Monitor your property with confidence, no matter the weather.
- **PoE/DC Power Supply** - Power your camera with a DC adapter or Ethernet cable featuring PoE technology for safe power and stable internet.
- **Free Dual AI Detection & Notification** - Get instant push notifications when motion, person, pets and vehicles are detected, there is no additional fee to use it.
- **Works with Alexa, Google Assistant & Samsung SmartThings** - Fully compatible with Amazon Alexa, Google Assistant and Samsung SmartThings.
- **Smart Night Vision** - Choose from vibrant full-color with spotlights, discreet black-and-white infrared, or an automatic Smart Mode based on AI light detection for optimal clarity in any nighttime scenario.
- **Secure Local or Cloud Storage** - Save footage continuously on up to a 512 GB microSD card (not included) or subscribe to Tapo Care for cloud storage which saves 30-day video.
- **2-Way Audio** - Engage in seamless, real-time conversations with our two-way audio feature, designed for minimal latency and exceptional sound clarity.

Highlights

Advanced Surveillance with Dual 4K Lenses

Tapo C575D combines a fixed lens and a pan/tilt lens-both with crisp 4K resolution-to monitor different areas at the same time.



Wide + Telephoto: See the Big Picture and Fine Details

The 170° wide-angle lens provides broad coverage. While the 8 mm telephoto lens features 9.4 × more clarity than the wide-angle view for clear, faraway details.



Features

	Synchronized Smart Tracking The pan/tilt camera seamlessly follows movements detected by the fixed camera, ensuring comprehensive and dynamic protection.		Local[†] and Cloud[‡] Storage Save recorded videos to a 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/
	Two Views at Once One camera, two areas monitored simultaneously, ensuring minimal blind spots.		Color Night Vision with Spotlights Reveals high-fidelity details and color at night with the embedded spotlights.
	One-Tap Smart Focus Simply select an area within the wide-angle view, and the pan/tilt camera will instantly focus on that point.		Customizable Activity Zones Set up specific detection zones to be alerted for areas that matter most.
	Free Smart AI Detection Identifies people, pets and vehicles while only sending you alerts when truly needed.		IP66 Weather Resistance Stays resilient even in extreme weather, delivering reliable surveillance through torrential rain, snowstorms, dust storms, and scorching heat.
	Customizable Privacy Zones		

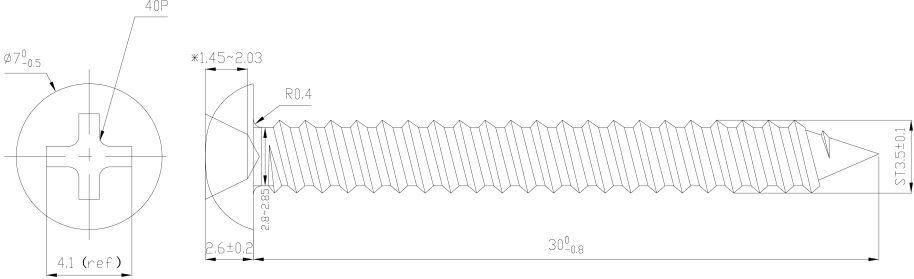
Set customizable privacy zones to keep private areas from being monitored.	
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Specifications

Camera	
Image Sensor	Fixed Lens (Wide-Angle Lens): 1/2.7" CMOS Sensor PT Lens (Telephoto Lens): 1/2.7" CMOS Sensor
Lens	Fixed Lens (Wide-Angle Lens): Focal Length: 2.53 mm Aperture: F1.6 Field of View: 170.0° (Diagonal), 138.1° (Horizontal), 74.5° (Vertical) PT Lens (Telephoto Lens): Focal Length: 8.0 mm Aperture: F1.6 Field of View: 49.6° (Diagonal), 42.7° (Horizontal), 22.8° (Vertical)
Pan-Tilt Range	Fixed Lens (Wide-Angle Lens): Pan Mechanical Range: 240° (360° Pan Coverage) Tilt Mechanical Range: 0~20° (95° Tilt Coverage) PT Lens (Telephoto Lens): Pan Mechanical Range: 338° (360° Pan Coverage) Tilt Mechanical Range: 97° (120° Tilt Coverage)
Night Vision	Infrared Night Vision (98 ft / 30 m) Color Night Vision (65 ft / 20 m)
Night Mode	Infrared Mode / Full-Color Mode / Smart Mode
Day/Night Switch	Yes
Lighting	Fixed Lens (Wide-Angle Lens): 2 × 850nm IR LED 2 × 940nm IR LED PT Lens (Telephoto Lens): 2 × 850nm IR LED 2 × 940nm IR LED
Interface & Button	1 × Ethernet Port 1 × Reset Button 1 × microSD Card Slot (Up to 512 GB)
Video & Audio	
Maximum Resolution	Fixed Lens (Wide-Angle Lens): 4K 8MP (3840 × 2160 px) PT Lens (Telephoto Lens): 4K 8MP (3840 × 2160 px)
Frame Rate	15 fps

Digital Zoom	18×
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	94 dB (Level measured at 4-inch/10-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	3 × PIR Motion Sensors (FOV: 270° horizontal) 1 × Ambient Light Sensor
AI Detection	Motion Detection Person Detection Pet Detection Vehicle Detection Line-Crossing Detection Camera Tampering
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 or Ethernet
Wireless Connectivity	IEEE 802.11b/g/n/ac/ax, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi
Wireless Communication Technology	Bluetooth (for setup only) Wi-Fi

Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps 11ax: 143.4 Mbps
Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
Ethernet Port	1 × 10/100 Mbps RJ45 Port on Camera
RTSP	Yes
ONVIF	Yes (Profile S)
Security	
Security	128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3-PSK
Power	
Power Source	12 V DC Power Adapter PoE: 802.3 af/at
Adapter Input Voltage	100-240 V, 50/60 Hz, 0.3 A
Adapter 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
Typical Power Consumption	9.5 W
Maximum Power Consumption	11.5 W
General	
Certifications	CE, RCM, NTRA, JRF, IC, NCC, BSMI, IP66, RoHS
Smart Integration	Google Assistant, Amazon Alexa, Samsung Smart Things
Weather Resistance	IP66
Mounting Options	Ceiling-Mounted Wall-Mounted Pole-Mounted (Pole-Mounting loops required but not included)
Operating Temperature	-30 °C~60 °C (-22 °F~140 °F)
Storage Temperature	-40 °C~60 °C (-40 °F~140 °F)
Operating Humidity	10%~90% RH, Non-condensing
Storage Humidity	0~90% RH, Non-condensing
Charging Temperature	N/A

Weight	19.4 oz / 550g
Dimensions	3.23 × 6.34 × 5.2 in (82 × 161 × 132 mm)
Package Contents	Tapo C575D Camera × 1 Mounting Bracket × 1 Mounting Template Sticker × 1 Mounting Screws × 4 Mounting Anchors × 4 Waterproof Seal × 1 Waterproof Cable Attachments × 1 Power Adapter × 1 Quick Start Guide
Mounting Screw Size	

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