

TP-TAPO-C465

TP-Link TAPO-C465 4K QHD (3840x2160) Battery-Powered Security Camera with 3.17mm Lens and Built-In Solar Panel

Product Overview

TP-Link TAPO-C465 4K QHD (3840x2160) Battery-Powered Security Camera with 3.17mm Lens and Built-In Solar Panel, 7800mAh Rechargeable Lithium-ion Battery, Ir-mode / Full-colour mode Night Vision, 2 x Built-In spotlights, 15fps Frame rate, H.265 / H.264 Video Compression, Live View, 3DNR, WDR, Built-In Microphone and Speaker, Two-Way Audio with noise cancellation, 80 dBA Siren Volume, MicroSD card slot on camera (Up to 512GB), Single Motion Sensor, Single ambient Light Sensor, Motion Detection, Person Detection, Pet Detection, Vehicle Detection, Connect via Wi-Fi 2.4GHz & 5GHz, IP65 weather resistance





Specifications

Overview Summary:

Protect your home or business with the TP-Link Tapo C465 4K battery-powered security camera featuring a built-in solar panel for reliable, low-maintenance operation. With ultra-clear 4K video, full-colour night vision, AI-powered person, pet and vehicle detection, and two-way audio, it delivers dependable monitoring day and night. Dual-band Wi-Fi and IP65 weather resistance make it ideal for outdoor installation in South African conditions.

The Tapo C465 supports local microSD storage up to 512GB and integrates with Google Assistant and Amazon Alexa for convenient smart home monitoring. Whether securing your entrance, driveway or garden, this camera offers dependable performance. Buy now and enjoy advanced outdoor security with easy installation and solar-powered convenience.

Performance tier:Premium

Uses:Home security, business security, driveway monitoring, entrance monitoring, perimeter surveillance, garden monitoring, outdoor property protection, remote live viewing

Overview:

TP-Link Tapo C465 4K Battery-Powered Security Camera with Built-In Solar Panel

The TP-Link Tapo C465 is a high-performance wireless security camera designed to deliver reliable outdoor surveillance with minimal maintenance. Combining stunning 4K Ultra HD video quality, intelligent AI detection, and a built-in solar panel, it provides dependable protection without the hassle of frequent battery charging. Whether monitoring your home, office, driveway, or garden, this smart security camera offers crisp video, advanced motion detection, and flexible installation for year-round security.

Description:

The TP-Link Tapo C465 is a 4K battery-powered Wi-Fi security camera with an integrated solar panel that helps keep the internal 7800mAh rechargeable battery charged using as little as 50 minutes of daily sunlight. It delivers detailed video day and night with full-colour and infrared night vision, intelligent AI detection for people, pets, and vehicles, two-way audio, dual-band Wi-Fi connectivity, and IP65 weather resistance. The camera also supports local recording on a microSD card up to 512GB and offers flexible wireless installation for indoor or outdoor use.

Features:

4K Ultra HD Security with Outstanding Detail

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Product Specification Sheet

Capture every important moment in exceptional clarity with 4K UHD resolution. The 8MP sensor produces video that delivers four times the detail of standard Full HD cameras, making it easier to identify faces, licence plates, and other important details both live and during playback.

Built-In Solar Charging for Continuous Protection

The integrated solar panel keeps the camera powered throughout the day with minimal sunlight exposure. Around 50 minutes of sunlight can provide enough energy for continuous daily operation, reducing the need for manual charging while delivering dependable surveillance.

Even during extended periods of cloudy weather, the large 7800mAh rechargeable lithium-ion battery continues providing reliable performance for up to 180 days on a single charge under typical usage.

Simple Installation with Enhanced Security

Installation is quick thanks to the adjustable magnetic mounting system, allowing you to position the camera exactly where coverage is needed. An anti-tamper cord helps secure the camera, making it significantly more difficult for unwanted visitors to remove or steal the device.

AI Detection Without Monthly Subscription Costs

Built-in AI technology accurately identifies different types of activity while reducing unnecessary alerts. Processing takes place directly on the device for improved privacy and fast response times.

Detection capabilities include:

- Person detection
- Vehicle detection
- Pet detection
- Motion detection
- Activity zones for focused monitoring
- Privacy zones for selected recording areas

Reliable Day and Night Surveillance

The Tapo C465 provides excellent visibility regardless of lighting conditions. Users can switch between infrared night vision and full-colour night vision depending on their monitoring requirements. Dual integrated spotlights help illuminate dark areas while improving colour visibility after sunset.

Additional monitoring capabilities include:

- Infrared night vision
- Full-colour night vision
- Built-in ambient light sensor
- Wide Dynamic Range (WDR)
- 3D Noise Reduction (3DNR)

Clear Communication and Active Deterrence

Communicate with visitors or delivery drivers using the built-in microphone and speaker. Noise cancellation improves voice clarity during conversations, while the integrated siren and spotlights can help discourage unwanted activity.

Included communication and security functions:

- Two-way audio
- Noise cancellation
- Built-in microphone
- Built-in speaker

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Product Specification Sheet

- Dual integrated spotlights
- 80 dBA security siren

Fast and Flexible Wireless Connectivity

Support for both 2.4GHz and 5GHz Wi-Fi allows you to choose the connection best suited to your environment. The 5GHz band delivers smoother 4K live viewing, while 2.4GHz provides greater wireless range when needed.

Flexible Video Storage Options

Record footage locally using a microSD card installed directly in the camera or choose optional cloud storage if preferred.

Storage options include:

- microSD card support up to 512GB
- Optional cloud storage through Tapo Care

Designed for Outdoor Conditions

With its IP65 weather-resistant construction, the TP-Link Tapo C465 is built to withstand challenging outdoor environments including rain, dust, snow, and high temperatures, making it suitable for year-round residential and commercial security.

Technical Details

Key hardware and performance:

- Part Number / SKU: TP-TAPO-C465
- 4K UHD resolution (3840 x 2160)
- 8MP image sensor
- 3.17mm lens
- Built-in solar panel
- 7800mAh rechargeable lithium-ion battery
- Up to 15fps recording
- H.265 and H.264 video compression
- Live View support
- Built-in microphone and speaker
- Dual-band Wi-Fi (2.4GHz and 5GHz)
- IP65 weather resistance
- Full-colour and infrared night vision
- Motion, person, pet and vehicle detection
- Supports microSD cards up to 512GB

For customers ordering or requesting technical support, reference Part Number TP-TAPO-C465 to ensure compatibility and accurate product identification.

Specifications:

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Specifications	
Product Code	TP-TAPO-C465
CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS Starlight Sensor

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Lens	Focal Length:3.17mm
	Aperture: F1.65
	Field of View: 134degrees (Diagonal), 113degrees(Horizontal), 59degrees(Vertical)
Night Vision	IR-Mode/ Full-Color Mode
Lighting	2 x Built-in Spotlights
	Motion Activated, App-Controlled
Hub Compatibility	Compatible with H500
Interface & Button	1* Power Button
	1* Reset Button
	1* MicroSD Card Slot
Pan/Tilt Range	N
HUB	
Device Compatibility	N
Connection Capacity	N
Interface & Button	N
SOLAR PANEL	
Connection Capacity	Built-in Solar Panel, cannot connect to other cameras
Output Port	N/A
VIDEO & AUDIO	
Maximum Resolution	4K 8MP (3840 x 2160 px)
Frame Rate	15fps
Digital Zoom	18x
Video Compression	H.265/H.264
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	100 dBA (Level measured at 4-inch distance)
	80 dBA (Level measured at 40-inch distance)
STORAGE	
Local Storage	MicroSD Card Slot on Camera (Up to 512 GB)
Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
DETECTION and NOTIFICATIONS	
Sensor	Single Motion Sensor (FOV: 120degrees horizontal)
	Single Ambient Light Sensor

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Product Specification Sheet

AI Detection	Motion Detection
	Person Detection
	Pet Detection
	Vehicle Detection
Activity Zones	Yes
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
	IEEE 802.11a/n, 5 GHz Wi-Fi
Ethernet Port	No
RTSP	No
ONVIF	No
SECURITY	
Security	128-bit AES Encryption with SSL/TLS
	WPA/WPA2-PSK/WPA3
POWER	
Power Source	7,800mAh Built-in Rechargeable Lithium-ion Battery
	Integrated Solar Panel
Input Voltage	Adapter Input: 100-240 V, 50/60 Hz (Not include)
Output Voltage	Adapter Output: 5.0 V, 2.0 A (Not include)
GENERAL	
Smart Integration	Google Assistant, Amazon Alexa
Weather Resistance	IP65
System Requirements	Tapo App: iOS 9.0 or higher, Android 4.4 or higher
Mounting Options	Wall-Mounted
Operating Temperature	-4degreesF - 113degreesF (-20degreesC - 45degreesC)
Storage Temperature	-40degreesF - 140degreesF (-40degreesC - 60degreesC)
Operating Humidity	10%~90% RH, Non-condensing
Storage Humidity	0~90% RH, Non-condensing
Charging Temperature	32degreesF - 122degreesF (0degreesC - 50degreesC)

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Product Specification Sheet

Package Content	Tapo C465 Camera x 1
	Magnetic Base x 1
	Metal Plate x 1
	Mounting Template x 1
	Screws and Anchors x 3
	Anti-Theft Cord x 1
	USB Charging Cable x 1
	Quick Start Guide
Dimensions(W X D X H)	Camera Dimensions: 4.29 x 3.31 x 4.72 in (109 x 84 x 120 mm)
Certifications	CE, FCC, DOE, CEC, RCM, KC, NCC, BSMI, NTRA, IP65

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TP-TAPO-C465-TP-Link-TAPO-C465-4K-QHD-3840x2160-Battery-Buy-p-338321.php>

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