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Product Specification Sheet

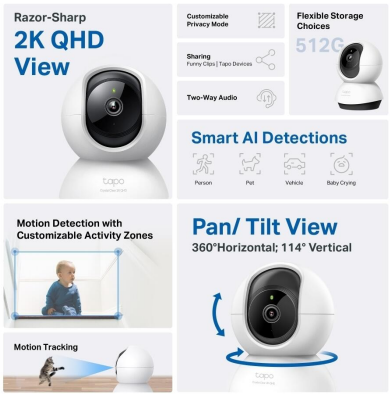
NET-TL-TAPO-C220

TP-Link Tapo C220 2K QHD Pan / Tilt AI Home Security Wi-Fi camera with 4mm lens

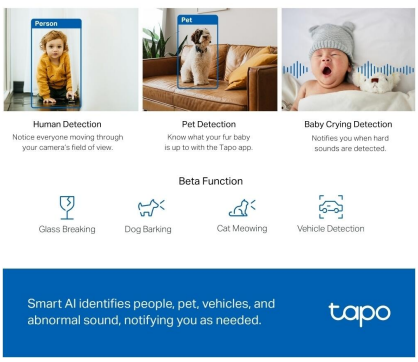
Product Overview

TP-Link Tapo C220 2K QHD Pan / Tilt AI Home Security Wi-Fi camera with 4mm Lens, IR LED Night Vision up to 10m, 1x MicroSD card slot (Up to 512GB), 2K 4MP QHD (2560x1440) Resolution, 15 / 20 / 25 / 30 fps Frame rate, H.264 Video Compression, Live View, 3D DNR / BLC Image enhancement, Built-In Microphone and Speaker, Two-Way Audio with noise cancellation, 99dB Siren Volume, Motion Detection, Person Detection, BabyCry detection, Vehicle Detection, Connect via 2.4GHz Wi-Fi











Specifications

Overview Summary:

Protect your home with the TP-Link Tapo C220 2K QHD Pan/Tilt AI Security Camera. Designed for reliable indoor monitoring, this smart camera offers clear high-resolution video, intelligent AI detection for people, pets, vehicles, and unusual sounds, plus night vision up to 10 meters. Stay connected anywhere with two-way audio, motion tracking, and easy integration with Amazon Alexa and Google Assistant. Shop now to secure your home effortlessly.

Enjoy flexible storage with a microSD card or cloud service, customizable activity zones, and privacy controls to monitor only the areas you want. This compact camera is simple to set up and provides peace of mind for every room. Buy now and enhance your home security with advanced AI technology.

Performance tier: High

Uses: Home security, indoor surveillance, monitoring pets, baby monitoring, motion tracking, smart home integration

Overview:

Tapo C220 Pan/Tilt AI Home Security Camera
The Tapo C220 is a high-performance 2K QHD pan/tilt Wi-Fi security camera designed for complete home protection. Its advanced AI technology, night vision capabilities, and two-way audio ensure you stay connected and informed wherever you are.

Description:

This smart security camera offers 2K QHD resolution for clear, detailed video, even in low-light conditions. It comes with intelligent AI detection for people, pets, vehicles, and abnormal sounds like a baby crying. Motion tracking, customizable activity zones, and privacy mode give you full control over monitoring your home. With flexible storage options via microSD or cloud, two-way audio, and compatibility with Amazon Alexa and Google Assistant, the Tapo C220 keeps your home safe while making monitoring easy and convenient.

Features:

High-Resolution Video for Clear Monitoring
Experience razor-sharp video quality with 2K QHD resolution (2560 x 1440 px), providing a detailed view of every moment. The starlight sensor captures vivid colors even in dim light, making it perfect for day or night monitoring.

Intelligent AI Detection and Notifications
Tapo C220 uses advanced AI algorithms to detect and notify you about specific activities:

- Person Detection:Alerts you when someone enters your camera's view.
- Pet Detection:Monitor your pets remotely through the Tapo app.
- Sound Detection:Recognizes abnormal sounds such as baby cries or loud noises.

Beta detection includes:

- Glass breaking
- Dog barking
- Cat meowing
- Vehicle detection

Customizable Motion Alerts
Create multiple activity zones to ensure you only receive alerts for areas that matter most, like doorways or entrances. This reduces unnecessary notifications and keeps your monitoring precise.

Pan and Tilt Coverage
With 360degrees horizontal and 114degrees vertical rotation, the Tapo C220 captures every corner of your room. Pan and tilt functionality allows you to get a complete view of your home from your mobile device.

Smart Motion Tracking
When motion is detected, the camera automatically follows the subject to keep it in view. This ensures you never miss critical activity in your monitored spaces.

Flexible Video Storage Options
Store recorded footage on a microSD card (up to 512 GB, sold separately) or use Tapo Care cloud services, which include a free trial month. Both options provide secure and convenient access to your recordings.

Two-Way Audio Communication
Interact in real-time with anyone at home using the built-in microphone and speaker. This feature is perfect for communicating with family, roommates, or even giving gentle warnings to pets.

Privacy Controls
Set privacy zones to block out areas you do not want recorded. This ensures personal spaces, such as bedrooms, remain private while key areas like windows and doors stay monitored.

Share Memorable Moments
Easily capture and share amusing or important clips with family and friends through the Tapo app, making monitoring both practical and fun.

Voice Assistant Compatibility
Control your camera hands-free with Amazon Alexa or Google Assistant, integrating your security system seamlessly into your smart home setup.

Specifications:

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Specifications

Product Code	NET-TL-TAPO-C220
CAMERA	
Image Sensor	1/3"
Lens	Focal Length: 4.0mm+/-5%
	F/NO: 2.0+/-10%
Night Vision	850nm IR LED Night Vision up to 30ft
Lighting	/
Hub Compatibility	/
Interface & Button	1 x RESET Button
	1 x MicroSD Card Slot (Up to 512GB)
Pan/Tilt Range	Pan Mechanical Range: 340degrees (360degrees Pan Coverage)
	Tilt Mechanical Range: 69degrees
Resolution	2K 4MP QHD (2560 * 1440 px)
HUB	
Device Compatibility	/
Connection Capacity	/
Interface & Button	/
VIDEO & AUDIO	
Maximum Resolution	1 x RESET Button
	1 x MicroSD Card Slot (Up to 512GB)
Frame Rate	15/20/25/30 fps (Default 15fps)
Video Compression	H.264
Live View	Yes
Image Enhancement	3D DNR
	BLC
Audio Input & Output	Built-in Microphone and Speaker
Audio Communication	Two-Way Audio with Noise Cancellation
Siren Volume	99dB (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)
VIDEO	
Frame Rate	2560 x 1440@30fps
Video Compression	H.264
DETECTION and NOTIFICATIONS	
Sensor	/

AI Detection	Motion Detection
	Person Detection
	Line-Crossing Detection
	Tamper Detection
	BabyCry Detection
	Vehicle Detection
	Pet Detection
	Meow Detection
	Bark Detection
	Glass-Breaking Detection
Activity Zones	Yes
Output Notification	System Notification
	System Notification with Snapshot (Tapo Care Services)
AUDIO	
Audio Communication	Two-Way Audio
Audio Input & Output	Built-in microphone and speaker
NETWORK	
Network Connectivity	Connect via Wi-Fi
Wireless Connectivity	IEEE 802.11b/g/n/ax, 2.4 GHz Wi-Fi
Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
Wireless Rate	11Mbps(802.11b)
	54Mbps(802.11g)
	72.2Mbps(802.11n)
Ethernet Port	/
RTSP	Yes
ONVIF	Supported
Cloud	Supported
Security	128 bit AES encryption with SSL/TLS
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	9V, 0.6 A (DC Power)
Camera input	3 Meter Power Cable

ACTIVITY NOTIFICATIONS	
Input Trigger	Motion detection, Person detection, line Crossing detection, Tamper detection, Baby Crying Detection, Vehicle Detection, Pet Detection, Meow Detection, Bark Detection, Glass Detection
Output Notification	Notification
	Snapshot(Tapo care)
	Clips(Tapo care)
HARDWARE	
Button	Reset Button
Indicator LED	System LED
Adapter Input	100-240VAC, 50/60Hz, 0.3A
Adapter Output	9.0V/0.6A
Product Dimensions (W x D x H)	3.4 x 3.3 x 4.6 in. (86.6 x 85 x 117.7 mm)
GENERAL	
Smart Integration	Google Assistant, Amazon Alexa
Weather Resistance	/
Mounting Options	Tabletop
	Ceiling-Mounted
Operating Temperature	0degreesC~40degreesC
Storage Temperature	-20degreesC~70degreesC
Operating Humidity	10%~90% RH, Non-condensing
Storage Humidity	5%~90% RH, Non-condensing
Charging Temperature	/
Dimensions (W x D x H)	3.36 x 3.42 x 4.63 in (85.4 x 86.8 x 117.7 mm)
Package Content	Tapo C220 Camera
	Power Adapter
	Quick Start Guide
	Mounting Screws
	Mounting Anchors
	Mounting Template
	Camera Base
Certifications	CE, FCC, RCM, WEEE, EAC
Package Content	

Package Content	Tapo Pan/Tilt Home Security Wi-Fi Camera
	Power Adapter
	Quick Start Guide
	Mounting Screws
	Mounting Plate
	Camera Base
ENVIRONMENT	
Operating Temperature	0degreesC~40degreesC
Storage Temperature	-20degreesC~60degreesC
Operating Humidity	10%~90%RH, Non-condensing
Storage Humidity	5%~90%RH, Non-condensing

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/NET-TL-TAPO-C220-TP-Link-Tapo-C220-2K-QHD-Pan-Tilt-AI-Home-Security-Wi-Fi-camera-p-331654.php

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