

Tenda



CP3 v3.1

3MP Security Pan/Tilt Camera

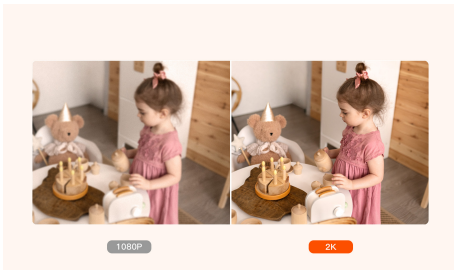
CP3 v3.1

3MP Security Pan/Tilt Camera

Description

The Security Pan/Tilt Camera CP3 V3.1 is a high cost-performance indoor camera that integrates 360° panoramic coverage, cry detection, human tracking, 3MP HD pixels, full-duplex two-way audio intercom, and DIY audio functions. The camera supports 0-355° pan & -15-55° tilt. The human detection function can quickly identify human targets in the image and send immediate notifications. The product is widely used in monitoring scenarios such as homes, shops, offices, and classrooms.

Main Features



2K HD Images, View More Details

Equipped with high-performance CMOS image sensor, and the resolution can reach 2304 x 1296. Provide you with security protection anytime and anywhere.



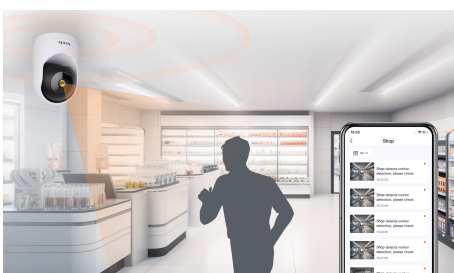
360° Panoramic Pan/Tilt Design, Click to see where you want

With 360° pan/tilt design, and the lens rotation angle can reach 355° horizontal and 70° vertical. You can control the lens orientation remotely using the APP.



Next-level WiFi 6 Technology, Stable and Smooth Video

With the latest Wi-Fi 6 technology, built-in special antenna for signal enhancement, it offers better performance compared to Wi-Fi 4, allowing you to view more stable and smoother video.



AI Human Detection, Real-time Alarm for Abnormal Situations

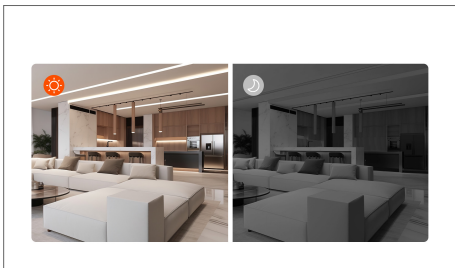
Empowered by a high-performance chip with an integrated NPU module, it leverages industry-leading deep learning technology to significantly boost alarm accuracy. It precisely identifies suspicious individuals, triggers auto-tracking and recording, and pushes real-time alarm notifications to your mobile phone.



Cry Detection, 24/7 Baby Care

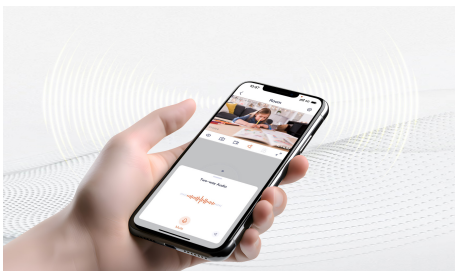
Detect the baby's crying in real time, and send notifications through the mobile app to keep an eye on the baby's status.

Main Features



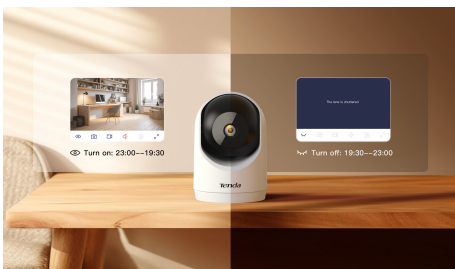
Infrared Night Vision for Uninterrupted Security Protection Day and Night

Equipped with high-performance infrared LED indicators, the dynamic within 10 meters is clear at night. There is no white light to fill the light, you won't be disturbed at night.



Two-way Audio for Convenient Communication

With built-in microphone and speaker, you can make real-time two-way audio calls with your family. The volume of microphone radio and loudspeaker can be adjusted at any time, and flexibly adapt to various environments.



Schedule Shutter for Effective Privacy Protection

You can set the enabled and disable time of the lens in the App, and the camera will start or stop monitoring and recording according to the time you set, effectively protecting your privacy and security.



Preset 6 Key Locations for One-tap Quickly View

Through TDSEE APP, you can customize the collection of 6 locations, which is convenient for the rapid positioning of the camera and present the image of the selected position at the first time.



Three Storage Methods, Video Playback at Will

1. Cloud storage: 3 Months of Free Cloud Storage
2. SD card: Supports up to 512 GB Micro SD card
3. NVR/NAS Storage: It can be added to NVR/NAS storage video through Tenda protocol or ONVIF protocol.

Note: Only Tenda NVRs can support the Tenda protocol to add this camera.

Technical Specifications

Camera	
Image Sensor	1/3.3" Progressive Scan CMOS sensor
Day/Night Switch	ICR type
Bracket Angle Adjustment	/
Lens	
Focal Length	4mm
Aperture	F2.0
FOV	Horizontal: 68.3°, Vertical: 41.4°, Diagonal: 75.2°
Illuminator	
Supplementary Light	4 IR lights
Supplementary Light Distance	Up to 10 m/30 ft (depending on environment)
IR Wavelength	850 nm
Night Vision Mode	Black & White Mode
Video	
Video Encoding Format	H.265, H.264
Maximum Resolution	2304 x 1296
Main Stream Resolution	2304 x 1296, 1920 x 1080, 1280 x 720
Sub Stream Resolution	640 x 360
Frame Rate	1-30fps, Default 20fps
Code Rate Range	512kbps -- 4096kbps
Bit Rate Control	CBR, VBR
Audio	
Audio Encoding Format	G.711A, G.711U, AAC
Audio Sampling Rate	8 kHz
Audio Communication	Two-way Audio
Image	
Image Enhancement	DWDR, BLC, HLC, 3D DNR
Privacy Mask	4 Areas

Technical Specifications

Network	
Ethernet Port	/
ONVIF	Support
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, ARP, WebSockets
Web Browser	Plug-in free live view: Chrome, Edge, Opera
Client	TDSEE (mobile phone), TDSEE Studio (PC)
Pan&Tilt	
Pan Movement Range	0-355°
Tilt Movement Range	-15°-55°
Preset	6
Patrol	Panoramic Patrol, Preset Patrol
Wi-Fi	
Antenna	Internal antenna
Wireless Standard	IEEE 802.11 b/g/n/ax
Transmission Rate	Up to 287 Mbps
Channel Width	20/40 MHz
Modulation	DSSS/OFDM/OFDMA
Frequency Band	2.4GHz: 2412MHz-2472MHz(CH1-CH13)
Transmit Power	2.4GHz: <0.1W(EIRP)
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Alarm	
Smart Detection	Motion Detection, Human Detection, Cry Detection
Smart Linkage	Human Tracking, Sound Alert
DIY Audio	3 customized audios

Technical Specifications

Interface	
Audio Input	Built-in MIC, adjustable microphone volume
Audio Output	Built-in Speaker, 68 dBA (Alarm sound at 1 meter), adjustable sound level
Storage	Supports up to 512 GB Micro SD card
Reset Button	Support
LED Indicator	Dual color (red & blue) LED indicator
General	
Power	5 V 1A, Type-C Power Plug
Material	Plastic
Smart Integration	Amazon Alexa
Product Dimension	110.4mm x 76.7mm x 76.7mm(4.3" x 3" x 3")
Package Dimension	165mm x 84mm x 84mm(6.5" x 3.3" x 3.3")
Product Weight	158g(0.34lb)
With Package Weight	331g(0.73lb)
Protection Level	/
Installation Method	Desktop, Ceiling-mounted
Certification	CE, FCC, RoHS, UKCA
Temperature	Operating Temperature: -10°C ~ 45°C (14°F ~ 113°F) Storage Temperature: -40°C ~ 70°C (-40°F ~ 158°F)
Humidity	Operating Humidity: 10% ~ 95% RH (non-condensing) Storage Humidity: 3% ~ 95% RH (non-condensing)
Package Contents	Camera Power Adapter (cord length: 1.5m) Installation Template Mounting Bracket Mounting Accessories Kit Quick Installation Guide

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