

Tenda



RP3 v3.0

3MP Security Pan/Tilt Camera



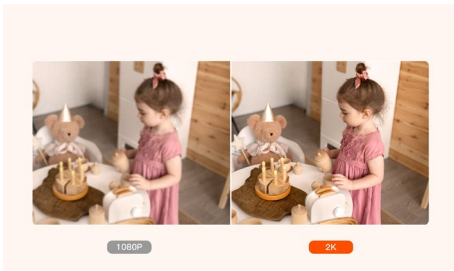
RP3 v3.0

3MP Security Pan/Tilt Camera

Description

The Security Pan/Tilt Camera RP3 V3.0 is a high cost-performance indoor camera that integrates 360° panoramic coverage, 3MP HD pixels, full-duplex two-way audio intercom, motion tracking, 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.



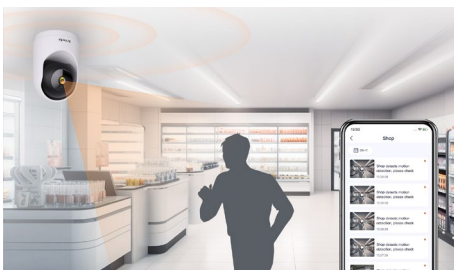
360° Panoramic Pan/Tilt Design, Click to see where you want

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.



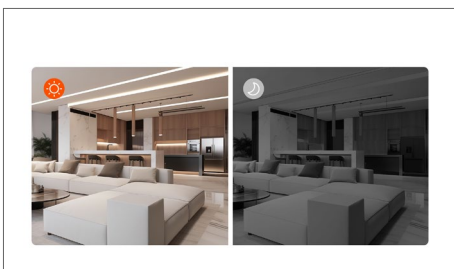
Next-level WiFi 6 Technology, Stable and Smooth Video

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.



Smart Motion Detection, Real-time Alarm for Abnormal Situations

When the camera detects someone moving, it will automatically record the video and sends an alarm sound, and pushes the alarm message to the mobile phone. You can also customize the audio.



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.

Main Features



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 256 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" Progressive Scan CMOS sensor
Day/Night Switch	IR-Cut Filter with Auto-Switching
Bracket Angle Adjustment	/
Lens	
Focal Length	4mm
Aperture	F2.0
FOV	Horizontal FOV: 84°, Vertical FOV: 53.1°, Diagonal FOV: 91.1°
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
Maximum Resolution	2304 x 1296
Main Stream Resolution	2304 x 1296
Sub Stream Resolution	640 x 360
Frame Rate	1-20fps, Default 20fps
Code Rate Range	128kbps -- 4096kbps
Bit Rate Control	VBR
Audio	
Audio Encoding Format	G.711A, G.711U, AAC
Audio Sampling Rate	8 kHz
Audio Communication	Two-way Audio
Image	
Image Enhancement	DWDR, 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
Web Browser	/
Pan&Tilt	
Pan Movement Range	0-355°
Tilt Movement Range	-15°-55°
Preset	6
Patrol	Panoramic Patrol, Preset Patrol
Wi-Fi	
Antenna	Built-in antenna
Wireless Standard	IEEE 802.11 b/g/n/ax, 2.4GHz Wi-Fi
Transmission Rate	Up to 287 Mbps
Channel Width	20/40 MHz
Modulation	DSSS/OFDM
Frequency Band	2.4GHz(DSSS/OFDM): 2412MHz-2472MHz(CH1-CH13)
Transmit Power	2.4GHz: <0.04W(EIRP)
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK,WPA3-SAE
Alarm	
Smart Detection	Motion Detection, Human Detection
Smart Linkage	Motion Tracking
DIY Audio	3 customized audios
Interface	
Audio Input	Built-in MIC
Audio Output	Built-in Speaker
Storage	Supports up to 256 GB Micro SD card
Reset Button	Support

Technical Specifications

LED Indicator	Dual color (red & blue) LED indicator
General	
Power	5 V 1A, Type-C Power Plug
Material	Plastic
Smart Integration	/
Product Dimension	76.7mm x76.7mm x110.4mm(3" × 3" × 4.3")
Package Dimension	84mm x 84mm x 165mm (3.3" × 3.3" × 6.5")
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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