

Tenda



CH9-WCA

6MP Dual-Lens Linkage Outdoor Wi-Fi Pan/Tilt Camera



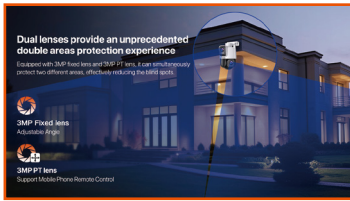
CH9-WCA

6MP Dual-Lens Linkage Outdoor Wi-Fi Pan/Tilt Camera

Product Description

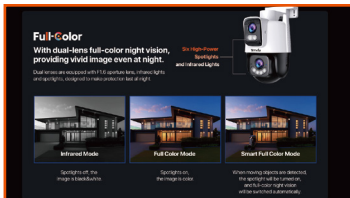
The dual-lens linkage outdoor Wi-Fi pan/tilt camera CH9-WCA, is a high-performance outdoor security camera that integrates 6MP resolution video(3MP+3MP), 360° visual coverage, full-color night vision, full-duplex two-way audio, human detection, vehicle detection, line crossing detection, intrusion detection, dual-lens smart linkage, sound and light alarm functions. The product is mostly used for outdoor protect scenarios such as courtyard, farms and shops, etc. The users can access the video via wireless or wired connection to the Internet.

Product Features



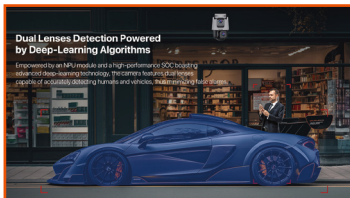
Dual lenses provide an unprecedented double areas protection experience

Equipped with 3MP fixed lens and 3MP PT lens, it can simultaneously protect two different areas, effectively reducing the blind spots.



With dual-lens full-color night vision, providing vivid image even at night.

Dual lenses are equipped with F1.6 aperture lens, infrared lights and spotlights, designed to make protection last all night.



Dual Lenses Detection Powered by Deep-Learning Algorithms

Empowered by an NPU module and a high-performance SOC boasting advanced deep-learning technology, the camera features dual lenses capable of accurately detecting humans and vehicles, thus minimizing false alarms.



Multiple Perimeter Protection, Focus More on the Key Areas

The dual-lens design enables precise line-crossing and intrusion detection. Upon detecting the human or vehicle presence within the monitored area, the camera promptly triggers both sound and light alerts, effectively deterring unwanted visitors.



Dual lenses With different focal lengths provide comprehensive coverage from wide-angle to close-up shots.

The 4 mm wide-angle fixed lens safeguards broader areas, while the 6 mm telephoto PT lens delivers sharper details, including facial features and license plates.



Dual-lens Linkage, Tracking Active Objects Automatically or Manually

Dual lenses linkage design coupled with advanced human tracking algorithms. When the fixed 4 mm wide-angle lens detects human activity, the PT lens with a 6 mm telephoto capability automatically locking onto the subject to meticulously record their movements.

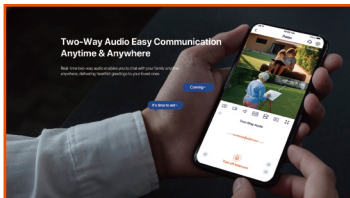
When previewing through the TDSEE APP, simply tap on any point within the fixed lens view, and watch as the PT lens swiftly pans to that precise location, delivering a detailed close-up perspective.

Product Features



Next-level Wi-Fi 6 Technology, Stable and Smooth Video

With the latest Wi-Fi 6 technology, built-in special antenna for signal enhancement, it offers better anti-interference performance and lower latency compared to Wi-Fi 4, allowing your security range wider.



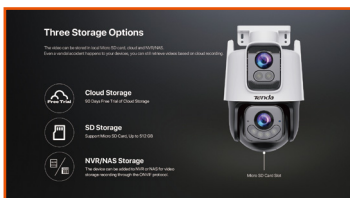
Two-Way Audio Easy Communication Anytime & Anywhere

Real-time two-way audio enables you to chat with your family anytime, anywhere, delivering heartfelt greetings to your loved ones.



Adjustable Brackets and Lenses, Convenient Installation

The fixed lens supports manual vertical adjustment up to 35°, while the bracket enables manual horizontal adjustment up to 260°, offering versatile installation options for nearly any location.



Three Storage Options

The video can be stored in local Micro SD card, cloud and NVR/NAS. Even a vandal accident happens to your devices, you can still retrieve videos based on cloud recording.



Sharing Camera to Your Family to Protect Safety Jointly

Enhance safety by sharing the camera with your family. Each member can monitor home situations and collaborate to ensure family security.



Triple Encryption Ensures Data Security

Triple encryption protection is applied to data transmission, cloud storage, and account login to ensure the security of your security data and personal privacy.

Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS sensor
Day & Night	ICR type
Bracket Angle Adjustment	Pan: 0° to 260°
Lens	
Focal Length	Fixed Lens: 4mm PT Lens: 6mm
Aperture	Fixed Lens: F1.6 PT Lens: F1.6
FOV	Fixed Lens: Horizontal FOV: 82.3°, Vertical FOV: 44.7°, Diagonal FOV: 97.4° PT Lens: Horizontal FOV: 51.8°, Vertical FOV: 28.2°, Diagonal FOV: 60.4°
Illuminator	
Supplementary Light	Six High-Power Spotlights and Infrared Lights
Supplementary Light Distance	Up to 30 m/100 ft (depending on environment)
IR Wavelength	850nm
Night Vision Mode	Smart Mode, Full Color Mode, Black & White Mode
Video	
Video Encoding Format	Fixed Lens: H.265, H.264 PT Lens: H.265, H.264
Main Stream Resolution	Fixed Lens: 2304 × 1296, 1920 × 1080, 1280 × 720 PT Lens: 2304 × 1296, 1920 × 1080, 1280 × 720
Sub Stream Resolution	Fixed Lens: 640 × 360 PT Lens: 640 × 360
Frame Rate	Fixed Lens: 1-25fps (2304 × 1296 1-18fps), Default 18fps PT Lens: 1-25fps (2304 × 1296 1-18fps), Default 18fps
Bit Rate	Fixed Lens: 512kbps -- 4096kbps PT Lens: 512kbps -- 4096kbps
Bit Rate Control	Fixed Lens: CBR, VBR PT Lens: CBR, VBR
Audio	
Audio Encoding Format	G.711A, G.711U, AAC
Audio Sampling Rate	8 kHz
Audio Communication	Two-way Audio, Voice Input

Specification

Image	
Image Enhancement	DWDR, BLC, HLC, 3D DNR
Privacy Mask	4 Areas
Network	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation 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
Pan&Tilt	
Pan Movement Range	0°--355°
Tilt Movement Range	0°--90°
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 287Mbps
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, WPA3-SAE
Alarm	
Smart Detection	Both fixed lens and PT lens are supported motion detection, human detection, vehicle detection, line crossing Detection, intrusion detection
Smart Linkage	Sound&light Alert, Dual-lens Linkage Tracking, 3D Positioning
DIY Audio	3 Customized Audios

Specification

Interface	
Audio Input	Built-in MIC
Audio Output	Built-in Speaker
Storage	Built-in Micro SD Card Slot, Up to 512 GB
Reset Button	Support
LED Indicator	Dual Color(red & blue) LED Indicator
General	
Power	12V DC,1A,Ø5.5mm&Ø2.1mm Power Plug
Material	Plastic
Product Dimension	203mm x 122mm x 62mm(8.0" x 4.8" x 2.4")
Package Dimension	240mm x 145mm x 193mm(9.4" x 5.7" x 7.6")
Product Weight	527g(1.16lb)
With Package Weight	802g(1.77lb)
Protection Level	IP65
Installation Method	Wall Mounting, Ceiling Mounting, Pole Mounting
Certification	CE, RoHS, FCC, RCM, UKCA
Temperature	Operating Temperature: -30°C ~ 60°C (-22°F ~ 140°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: 3m) Installation Template Mounting Bracket Mounting Accessories Kit Waterproof Kit Quick Installation Guide

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