

*Tenda*



# CH3-WCA

1080P Outdoor Wi-Fi Pan/Tilt Camera



**Full-Color**

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## Products Description

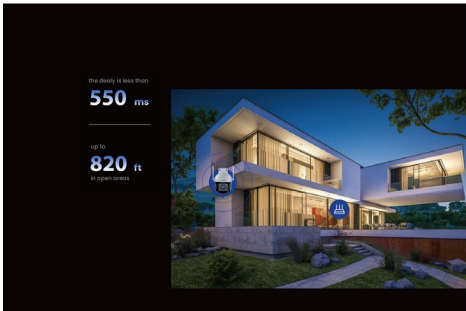
The Outdoor Wi-Fi Pan/Tilt Camera CH3-WCA, is a high-performance outdoor surveillance camera that integrates 360° visual coverage, Full-Color night vision, 1080P resolution video, full-duplex two-way audio, human detection, sound and light alarm functions. The product is mostly used for outdoor monitoring scenarios such as courtyard, farms and shops, etc. The users can access the video via wireless or wired connection to the Internet.

# Selling Points



## 360 ° Panoramic Coverage

Being able to pan and tilt to take in 360-degree field-of-view, leaving no monitoring dead zone, you can adjust the angle through TDSEE APP to view every corner in real time.



## Real Dual Antenna

With accumulation of wireless technology for 20 years and MIMO technology, which can ensure a stable wireless connection of 250 meters. The camera also supports wired connection.



## Full-color Mode

Equipped with two high-power spotlights and two IR lights, and high sensitive image sensors, your night vision is now lit up and in full-color. There are three available night vision modes: Smart Mode, Full-color Mode, and Black & White Mode.



## F1.6 Large Aperture

With an F1.6 Large aperture, more light is captured, and the image is clearer and brighter even under weak light or dark night.

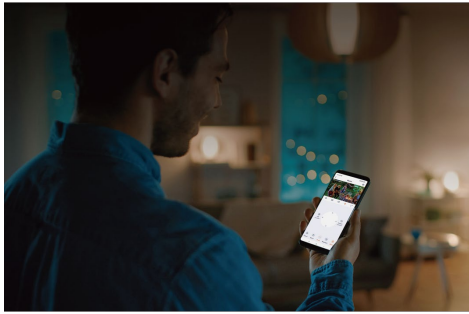


## Smart Human Detection, Audio & Light Alert

When people enter the monitoring area, the camera will give an audible warning with spotlight flashing (three audio alarms can be customized), the alarm notifications will also be pushed to the smartphone in real time.

## Selling Points

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### Two-way Audio

Real-time full-duplex two-way audio communication function enables you to chat with your family anytime and anywhere, bringing the most affectionate greetings to your beloved.



### Waterproof and Dustproof

With waterproof and dustproof design, the camera can withstand rainy, sunny, stormy, and even snowy weathers.

# Technical Specifications

Hardware Specifications	
Pan/Tilt	Horizontal viewing: 360° Horizontal rotation: 355° Vertical rotation: 90°
Ports	Storage: Micro SD card (Up to 128G, Class10 and above) Power: DC 12V 1A Ethernet: One RJ45, 10M/100M auto-negotiation Ethernet port
Lens	4mm@F1.6
Button	Reset x 1
LED Indicator	Dual color (red & blue) LED indicator x 1
Antenna	Dual external antennas
Dimension	138mm*120mm*187mm
Video Specifications	
Resolution	1920 x 1080
Coding Standard	H.264
Frame Rate	15fps
Day and Night Shift Mode	ICR type
Noise Reduction	3D digital noise reduction
DWDR	Support
Backlight Compensation	Support
ROI	Support
Wireless Specifications	
Wireless Standard	IEEE 802.11b/g/n @2.4GHz
Wireless Rate	144Mbps
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Channel Width	20 MHz
Modulation	DSSS/OFDM
Frequency Band	2.4GHz(DSSS/OFDM): 2412MHz-2472MHz(CH1-CH13)
Transmit Power	2.4 G: <0.04W(EIRP)

Others	
Smart Alarm	Motion detection&Human detection&Human tracking
Supplementary Light	Two IR lights, two spotlights
Alarm	Sound&light alarm
Audio	Full-duplex two-way audio
DIY Audio	Up to 3 customized audios
Night Vision Distance	30 meters (Depending on environment)
ONVIF Protocol	Support
Temperature	Operating temperature: -30°C~60°C Storage temperature: -40°C~70°C
Humidity	Operating humidity: 10%~95%RH (non-condensing) Storage humidity: 3%~95%RH (non-condensing)
Waterproof Level	IP65
Certification	CE, RoHS, FCC, RCM, UKCA
Package Contents	Outdoor Wi-Fi Camera, Power Adapter, Mounting Bracket, Mounting Accessories Kit, Waterproof Kit, Quick Installation Guide.

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