

Tenda



TC2

2MP Smart Full-Color Turret Camera

www.tendacn.com



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Product Introduction

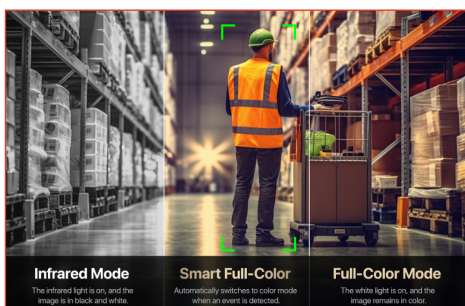
The Tenda 2MP Smart Full-Color Turret Camera TC2 is a high-performance surveillance camera. It features dual-light full-color night vision, vehicle and human detection, line-crossing detection, and intrusion detection for intelligent surveillance. Supporting both PoE and DC power supplies, it delivers stable and reliable operation. With ONVIF compatibility, it seamlessly integrates with NVRs from different brands to build a comprehensive surveillance system. It is ideal for factories, car parks, residential communities, supermarkets, and schools.

Product Features



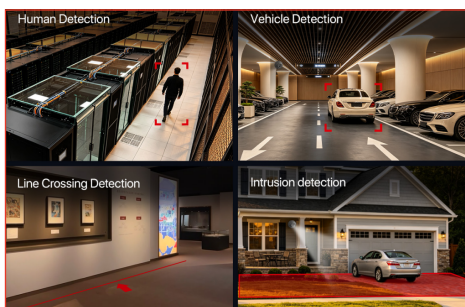
Clear 2MP Full HD Video

With 1920×1080 resolution, the camera delivers clear and detailed video for reliable day-to-day surveillance. Powered by Smart Reference Frame video encoding technology, it reduces bitrate by 30% or more, helping save bandwidth and storage space.



Enhanced Night vision performance

Advanced ISP algorithms, Smart Hybrid Light, F1.6 Lens, provide superior night vision capabilities, and always sharply-focused images.



Multiple Intelligent Detection

Built-in advanced deep learning algorithms offer Human, Vehicle detection, Line-Crossing Detection, Intrusion Detection. Higher detection accuracy and effective reduction of false alarms caused by changes in lighting and environment.



Synchronized Video and Audio Capture

Built-in microphone, can pick up ambient sound for an extra layer of security.



PoE - Faster Installation with Less Effort

A single cable to transmit both data and power. Simplified wiring means easier and clean installation. The furthest transmission distance can reach over 200 meters.

Product Features



ONVIF Protocol Makes Integration Simpler

Compatible with Tenda NVR, it supports one-click addition and plug-and-play. It also supports ONVIF protocol, ensuring compatibility with mainstream NVR for enhanced functionality.

Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS sensor
Min. Illumination	/
Day & Night	ICR type
Bracket Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Lens	
Focal Length	4mm / 2.8mm
Aperture	F1.6
FOV	Horizontal FOV(4mm): 79.1°, Vertical FOV: 43.3°, Diagonal FOV: 94.9° Horizontal FOV(2.8mm): 82.91°, Vertical FOV: 46.2°, Diagonal FOV: 97.3°
Illuminator	
Supplementary Light	2 infrared and white light combined illuminators
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	H.265+, H.265, H.264
Main Stream Resolution	1920 x 1080, 1280 x 720
Sub Stream Resolution	768 × 432, 640 × 360, 352 × 288
Frame Rate	PAL: 1-25fps, Default 25fps, NTSC: 1-30fps, Default 30fps
Bit Rate	512kbps -- 4096kbps
Bit Rate Control	CBR,VBR
Audio	
Audio Encoding Format	G.711A, G.711U, AAC
Audio Sampling Rate	8 kHz

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, HTTPS,DHCP, DNS, RTP, RTSP, RTCP, NTP, ARP, WebSockets
Client	/
Web Browser	Plug-in free live view: Chrome, Edge, Opera
Alarm	
Smart Detection	Motion Detection, Human Detection, Vehicle Detection, Line Crossing Detection, Intrusion Detection
Interface	
Audio Input	Built-in MIC
General	
Power	12 V DC, 1A, Ø5.5mm&Ø2.1mm Power Plug POE: IEEE 802.3af
Material	Plastic
Product Dimension	106.8mm x 106.8mm x 90.5mm(4.2" × 4.2" × 3.6")
Package Dimension	137mm x 137mm x 125mm(5.4" × 5.4" × 4.9")
Product Weight	175g(0.386lb)
With Package Weight	300g(0.661lb)
Protection Level	/
Installation Method	Wall Mounting, Ceiling Mounting
Certification	CE, RoHS
Temperature	Operating Temperature: -30°C ~ 50°C (-22°F ~ 122°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)

Specification

General	
Package Contents	Camera Installation Template Mounting Accessories Kit Quick Installation Guide

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