



EZVIZ TY1 Pro 8MP

Indoor pan-and-tilt Wi-Fi smart home camera, 4K · Specification summary



Manufacturer model code	CS-TY1-R105-8G8WF
Image Sensor	F1.6@1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.6, view angle: 106°(Diagonal), 90° (Horizontal), 48°(Vertical)
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR
Video Compression	H.264/H.265
Video Bit Rate	Adaptive bit rate
Max. Resolution	4K (3840 × 2160)
Frame Rate	Self-adaptive during network transmission
Smart Alarm	Motion detection; AI-powered human shape detection; loud noise detection; patrol mode detection
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ cloud proprietary protocol
Interface Protocol	EZVIZ cloud proprietary protocol
Storage	Supports microSD card (max. 512 GB)
Power	Type-C
Wired Network	RJ45 × 1 (10 M / 100 M self-adaptive Ethernet port)
Standard	IEEE802.11a, 802.11b, 802.11g, 802.11n
Frequency Range	2.4G: 2400~2483.5MHz; 5G: 5150MHz-5250MHz
Channel Bandwidth	Supports 20MHz
Security	WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b 11Mbps, 11g 54Mbps, 11nHT20 MCS7, 11a 54Mbps, 11nHT20 MCS7
Output Power(EIRP)	19 dBm
Antenna Gain	1.9 dBi

Operating Conditions	-10°C to 45°C (14°F to 113°F), humidity 95% or less (non-condensing)
Power Supply	DC 5V/2A
Power Consumption	MAX. 8W
IR Range	MAX. 10 meters(32.81ft)
Dimensions	88 × 88.2 × 119 mm (3.46 × 3.47 × 4.69 inch)
Packaging Dimensions	103 × 103 × 168 mm (4.06 × 4.06 × 6.61 inch)
Net Weight	213 g (0.47 lb)
In the box	TY1 Pro 4K Camera; Power Adapter; Power Cable; Drill Template; Mounting Plate; Screw Kit; Regulatory Information × 2; Quick Start Guide
Certifications	CE / UL / WEEE / REACH / RoHS

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

IS Distributions Sdn. Bhd., Kuching, Sarawak · <https://www.isdsb.com.my/product-ezviz-camera-ty1-pro-8mp.html>