EZVIZ TY1 Pro 5MP

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



Manufacturer model code	CS-TY1-R105-1J5WF
Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.6, viewing angle: 87° (Horizontal), 53° (Vertical), 104° (Diagonal)
Lens Mount	M12
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
WDR	Digital WDR
Video Compression	H.264/H.265
Video Bit Rate	Adaptive bit rate
Max. Resolution	2880 × 1620
Frame Rate	Self-Adaptive during network transmission
Smart Alarm	Motion Detection, 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	Micro SD card slot (Max. 512G)
Power	TYPE-C
Wired Network	RJ45 X 1 (10M/100M 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	88mm x 88.2 mm x 119mm (3.46" x 3.47" x 4.69")
Packaging Dimensions	103mm x 103mm x 168mm (4.06" x 4.06" x 6.61")
Bare Weight	213 g (0.47 lb)
In the box	TY1 Pro 3K Camera; Power Adapter; Power Cable; Drill Template; Mounting Plate; EZVIZ Screw Kit; Regulatory Information; Quick Start Guide
Certifications	CE / UL / WEEE / REACH / RoHS

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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