EZVIZ™

TY1

2K⁺

Covers every corner in 2K⁺ resolution

Smart Wi-Fi Pan & Tilt Camera

Watch over your entire space easily with the TY1 Camera's 360-degree field-of-view and its smart tracking feature.
It's got you covered — all day & all night.

- 2K⁺ Resolution
- 360° Panoramic View
- IR Night Vision (Up to 10 m / 33 ft)
- Human Motion Detection
- Auto-Tracking
- Two-Way Talk
- Sleep Mode for Privacy Protection
- H.265 Video Technology
- Supports MicroSD Card (Up to 256 GB) & EZVIZ CloudPlay Storage[1]

Records every corner in 2K⁺ resolution

This powerful camera records images in 2K⁺ resolution, rendering crisp details even in 4x digital zoom, so you see everything clearly in live video and playback.

2K⁺

1080p

Zero blind spots

Keep tabs on every corner with just one TY1 2K⁺. Its expansive 360-degree field-of-view ensures full coverage, so you don't miss a thing.

- Vertical rotation
55°

- Horizontal rotation
350°

EZVIZ

Get the notifications that matter

A lot of activities go on inside your home. Don't want to get alerted repeatedly when your curtains flutter in the wind? The TY1 2K⁺ is smart enough to identify human activities in particular. You can choose to get alerted only when somebody is detected on camera.

Smart tracking

When it detects a moving object, the camera is smart enough to automatically track its motion while alerting you with an image in real-time.

Communication, anytime

Talk to your loved ones and deter unwelcome strangers – all by using the camera's two-way communication feature. Using the EZVIZ App on your mobile device, you can easily and conveniently enjoy communication wherever you might be.

See further in the dark

Enjoy round-the-clock protection with the TY1 2K$^+$ camera. Using powerful Infrared LED lights, it lets you see up to 10 meters (33 feet) in dim light.

A visual diary made of precious moments

The TY1 2K⁺ ensures that you capture unforgettable moments and store the memories safely[1].

256 GB

Supports
MicroSD Card

Supports
EZVIZ CloudPlay Storage

Enhanced viewing pleasure with smaller video files

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded videos. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces data storage by up to 50%[2].

50% ↓
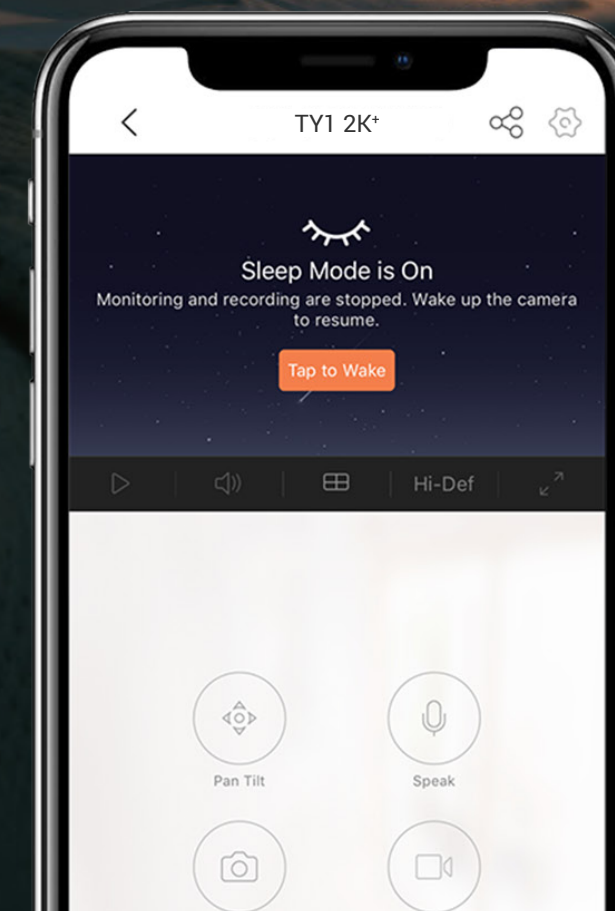Video Storage Space

50% ↓
Required Bandwidth

We do our utmost
to protect your data and privacy

EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.

TLS
Data Transmission Encryption

AES-128
Data Encryption

1 Local storage cards must be purchased separately. Cloud storage service is only available in certain market regions. Please verify availability before making a purchase.

2 Data from EZVIZ Lab's test results under standard conditions. The video compression efficiency will vary with the frequency and complexity of the activity captured, as well as other environmental factors.

Specifications CS-TY1-C0-8B4WF

Camera

Image Sensor	F2.2@1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm, view angle: 124°(Diagonal), 85° (Horizontal), 55°(Vertical)
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR

Compression

Video Compression	H.265 / H.264
Video Bit Rate	Quad HD, Full HD, HD, Standard. Adaptive bit rate.

Image

Max. Resolution	2560 × 1440
Frame Rate	Max. 20 fps; Self-Adaptive during network transmission

Network

Smart Alarm	Human Motion detection
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud proprietary protocol
Interface Protocol	EZVIZ Cloud proprietary protocol

Interface

Storage	Micro SD card slot (Max. 256G)
Power	Micro USB
Wired Network	RJ45 × 1 (10M/100M self-adaptive Ethernet port)

Wi-Fi

Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps, 11g :54Mbps, 11n :72Mbps
Output Power(EIRP)	19 dBm
Antenna Gain	1.9 dBi

General

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. 5W
IR Range	Max. 10 m (32.81 ft)
Dimensions	88 × 88 × 119 mm (3.46 × 3.46 × 4.67 inch)
Packaging Dimensions	103 × 103 × 186 mm (4.06 × 4.06 × 7.32 inch)
Bare Weight	259g (9.14oz)

In the box:

- TY1 2K$^+$ Camera

- Base

- Screw Kit

- Power Cable

- Drill Template

- Power Adapter

- Quick Start Guide

- Regulatory Information

Certification:

FCC / UL / CE / WEEE / REACH / RoHS

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