



# 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



Panoramic View



IR Night Vision  
(Up to 10 m / 33 ft)



Human  
Motion Detection



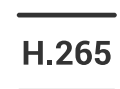
Auto-Tracking



Two-Way Talk



Sleep Mode  
for Privacy Protection



H.265  
Video  
Technology



Supports MicroSD  
Card (Up to 256 GB) &  
EZVIZ CloudPlay Storage<sup>1</sup>



## 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°



## Get the notifications that matter

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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

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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

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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

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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<sup>1</sup>.



## 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%<sup>2</sup>.

**50%** ↓  
Video Storage Space

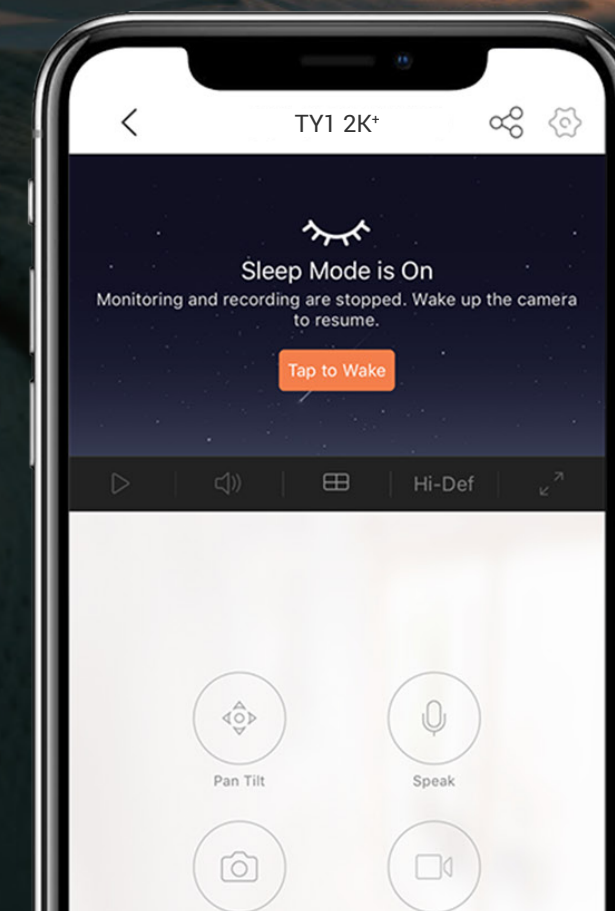
**50%** ↓  
Required Bandwidth



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