



# TY1 4MP

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.

**4MP** 2K Resolution



Smart Night Vision  
(up to 10m / 33ft.)



Motorized Pan  
and Tilt for 360°  
Visual Coverage



Sleep Mode for  
Privacy Protection



Motion Detection



Smart Tracking

**H.265** H.265 Video  
Technology



Two-Way Talk



View from Anywhere



Wi-Fi 2.4 GHz



MicroSD Slot  
(up to 256 GB)



## 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.

4MP

2MP

## Zero blind spots.

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

- Vertical rotation  
55°

- Horizontal rotation  
350°





## Smart tracking.

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When it detects a moving object, the TY1 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 TY1's two-way communication feature. Using the EZVIZ App on your mobile device, you can easily and conveniently enjoy communication wherever you might be.





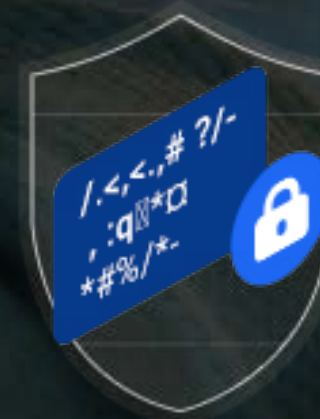
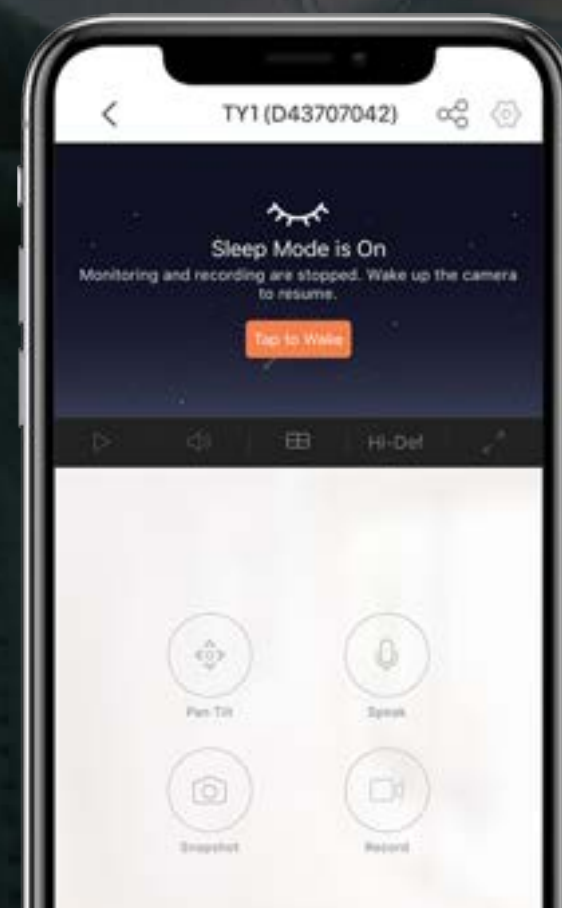
## See further in the dark.

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



## We protect your data and privacy.

Protecting your data and privacy is our highest priority. Data transmission between the camera and the EZVIZ Cloud is encrypted from end to end. Only you have the keys to decrypt your data. To get an extra layer of privacy protection, you can always enable the camera's sleep mode on the EZVIZ App.



AES 128-bit encryption



TLS encryption Protocol

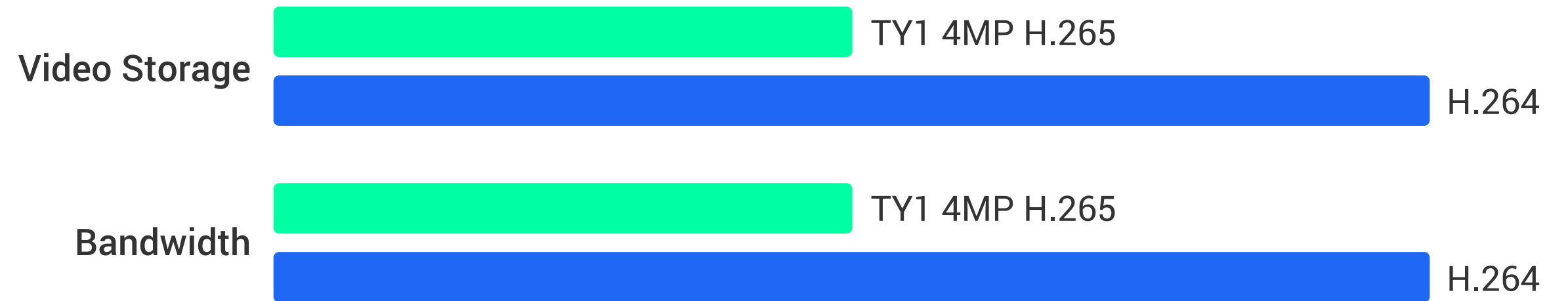


Multiple authentication steps

# Save money on video storage and bandwidth.

The camera features the advanced H.265 video compression technology, achieving better video quality with only half the bandwidth and half the storage space of the previous H.264 video compression standard.

\* The H.265 video compression applies when the 24/7 video recording is activated.



# Two storage options.

Save your recordings with flexible and secured solutions. The TY1 comes with a built-in MicroSD card slot that can store up to 256 GB of recorded footage. You can also save your images to EZVIZ Cloud\* for additional back-up.

\* Cloud storage service is only available in certain markets. Please verify the availability before making any purchase.



Supports MicroSD Card



Encrypted Cloud Storage\*

# Specifications CS-TY1-C0-8B4WF

## Camera

Image Sensor	F2.2@1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm, view angle: 88°(Diagonal), 75° (Horizontal), 41°(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	Adaptive bit rate.

## Image

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

## Network

Smart Alarm	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 Camera
- Base
- Screw Kit
- Power Cable 3m (9.8 ft.)
- Drill Template
- Power Adapter
- Quick Start Guide
- Regulatory Information

## Certification:

FCC / UL / CE / WEEE / REACH / ROHS

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<https://www.ezvizlife.com/>