

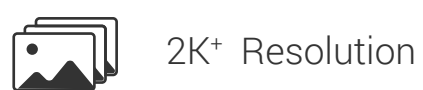


# TY1 Pro **2K+** Type-C

## Pan & Tilt Smart Home Camera

### Sharper vision, smarter security

Unveiling TY1 Pro 2K+, the newest innovation to experience next-level home security. It secures your home with sophisticated 2K+ lens. Swiftly responding to movements and sounds, this smart camera smartly rotates with no corner of your space unnoticed. What's more, a handy call button keeps your family in close touch with you.



2K+ Resolution



Panoramic View



Patrol Mode



Smart Color Night Vision



Smart Human Shape Detection



Auto-Zoom Tracking



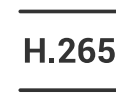
Loud Noise Detection



Two-Way Calling



Sleep Mode for Privacy Protection



H.265 Video Technology



Supports 2.4 / 5 GHz Dual-Band Wi-Fi<sup>1</sup>



Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage<sup>2</sup>



# 360° protection in stunning 2K+ detail

See every corner of your indoor realm clearly, just as if you were at home. The TY1 Pro 2K+ keeps an eye on your home from day to night, ensuring that you can enjoy peace of mind all day long.



**340°**

Horizontal rotation



**55°**

Vertical rotation

## Enhanced security with fully-automated rotation

The TY1 Pro 2K+ pans and tilts automatically to eliminate blind spots with its unique patrol mode. You can even customize patrol pattern in accordance with your very special home, leaving no corner uncovered.

### Overall Patrol

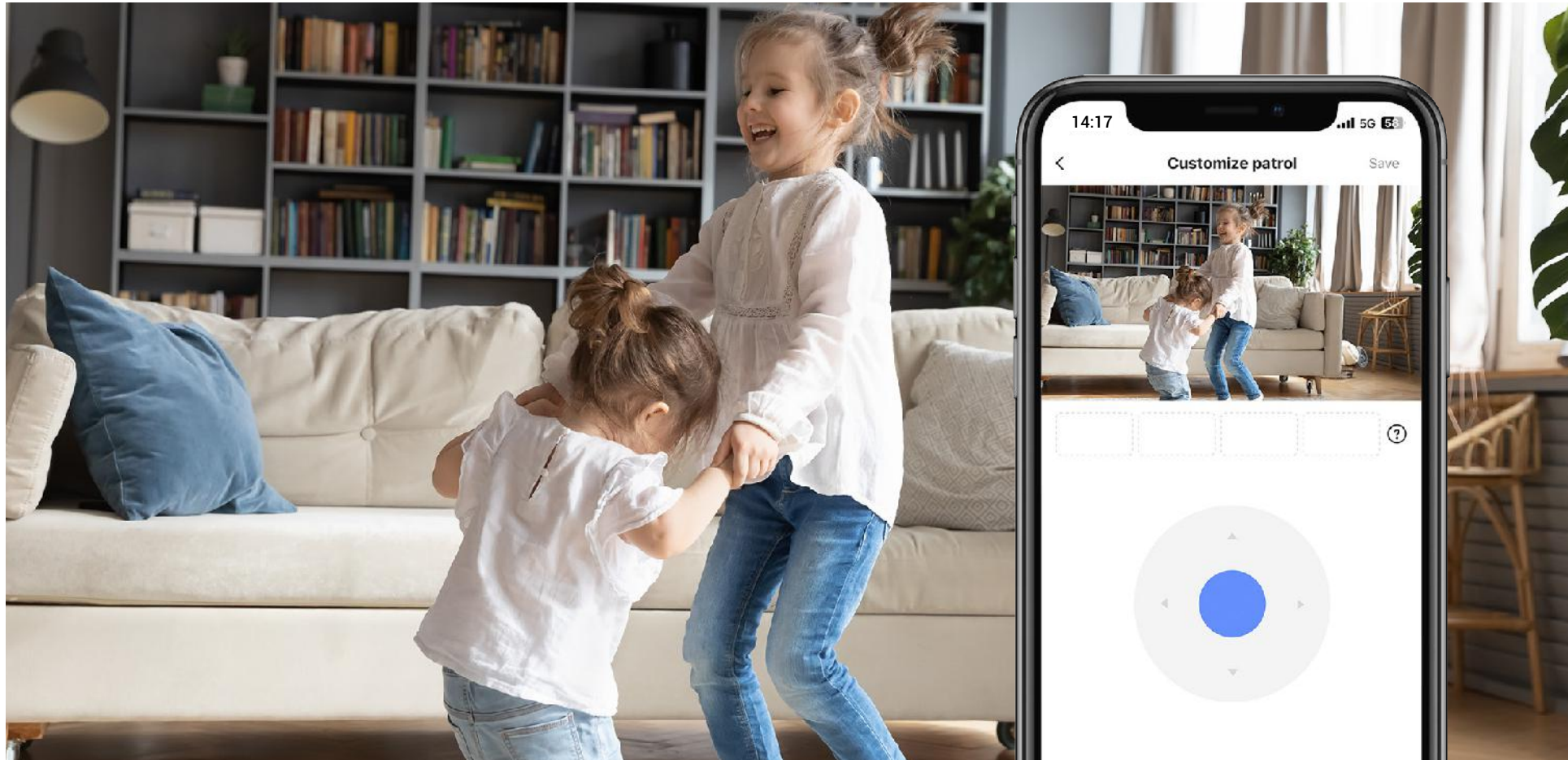


Pan horizontally

### Customize Patrol



Follow the order of pre-set points (Up to 4 points)





## 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 Pro 2K+ is smart enough to identify human activities in particular. You can choose to get alerted only when somebody is detected on camera.



## Smart enough to detect, zoom, and follow

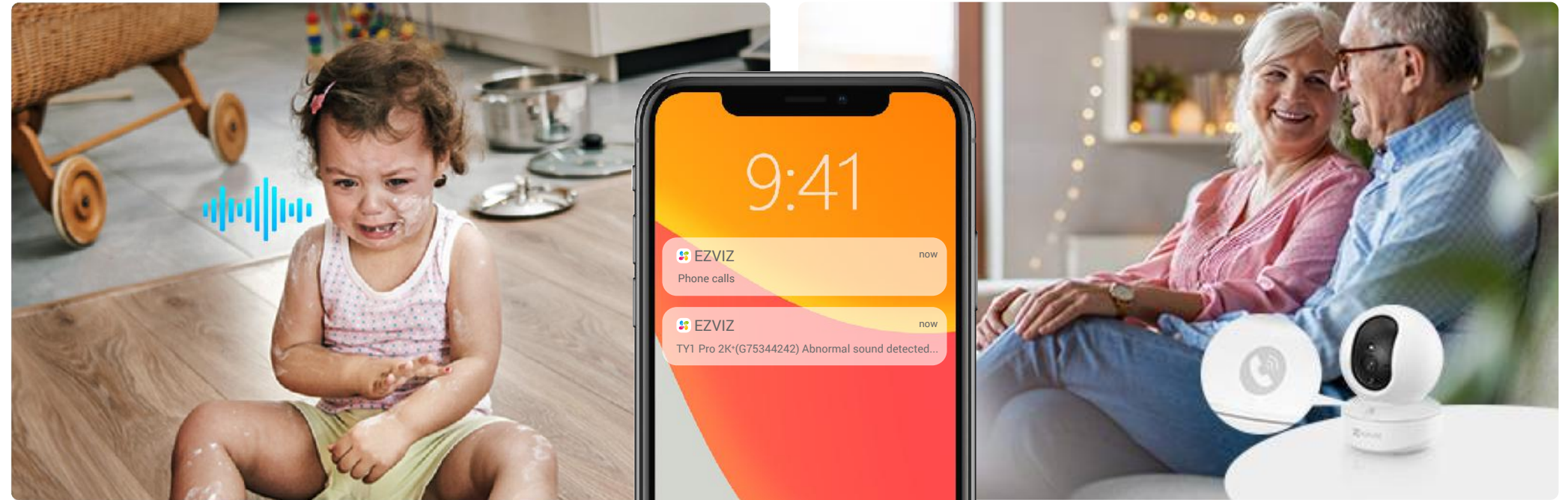
The camera can automatically zoom in up to 4 times to follow a moving person so you see details and get the whole picture at the same time. You can always enable the AI option to detect and track specifically human movements.





## It takes care of the whole family

It's important to know if you're needed by your loved ones. The camera alerts you if the noise level suddenly changes – whether your baby cries or a siren blares. In addition, they can contact you from the camera's side by simply tapping the call button - one of the easiest way to make a video call.



Loud Noise Detection

Touch Call Button

## Protection that never sleeps

Say goodbye to grainy video clips during nighttime. Even in pitch black darkness, the TY1 Pro 2K+ renders vivid night vision to provide peace of mind.



Smart color night vision up to 5 meters away



Nighttime imaging up to 10 meters away



Less overexposure



Clearer details



## Steady connection for boosted performance

Set up the camera network, either wired or wirelessly. You can connect the camera to either 2.4 or 5 GHz<sup>1</sup> band to ensure a strong Wi-Fi signal.



## A visual diary made of precious moments

The TY1 Pro 2K<sup>+</sup> ensures that you capture unforgettable moments and store the memories safely<sup>2</sup>.



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 2K+ videos. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces their sizes by up to 50%<sup>3</sup>.

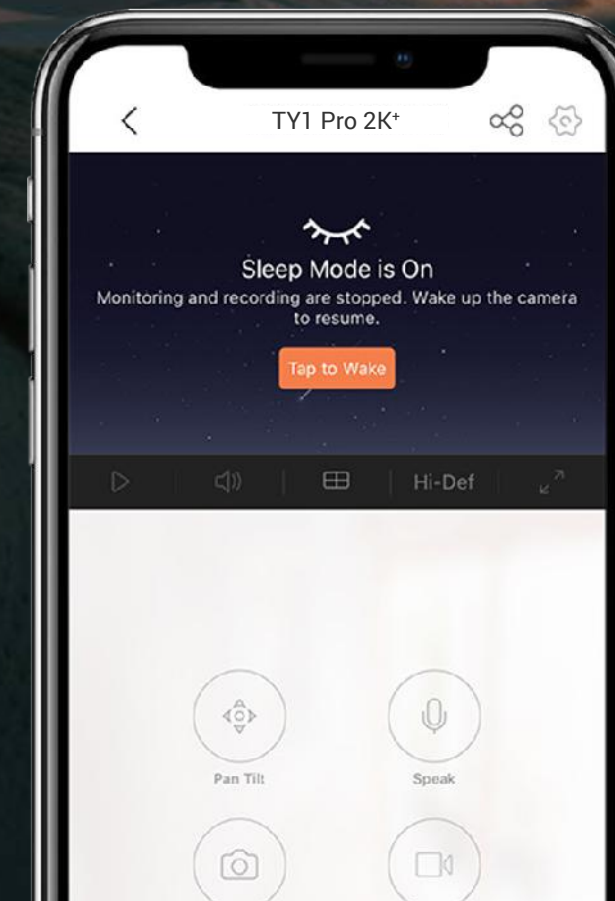
**50%** ↓  
Video Storage Space

**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 You will need to choose the Wi-Fi frequency band during the device setup process. Once the choice is made, you will not be able to change it to another frequency band.
- 2 Local storage cards must be purchased separately. Cloud storage service is only available in certain market regions. Please verify availability before making a purchase.
- 3 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-R105-1J4WF

## Camera

Resolution	4MP /2K+ Resolution
Image sensor	F1.6@1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR

## Compression

Video Compression	H.264/H.265
Video Bit Rate	Adaptive bit rate.

## Image

Max. Resolution	2560 × 1440
Frame Rate	Max:30fps; Self-Adaptive during network transmission

## Network

Smart Alarm	Motion Detection, Human Shape Detection, Loud Noise Detection, Patrol Mode Detection
Wi-Fi Pairing	AP paring
Protocol	EZVIZ cloud proprietary protocol
Interface Protocol	EZVIZ cloud proprietary protocol

## Interface

Storage	Micro SD card slot (Max. 512G)
Power	TYPE-C
Wired Network	RJ45 X 1 (10M/100M self-adaptive Ethernet port)

## Wi-Fi

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

## 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	8W max
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	218 g / 7 oz



## In the box:

- Camera
- Power Adapter
- Power Cable
- Drill Template
- Mounting Plate
- EZVIZ Screw Kit
- Regulatory Information
- Quick Start Guide

## Certification:

CE / UL / WEEE / REACH / RoHS / UKCA

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