EZVIZ

TY1 Pro **3K** Type-C

Pan & Tilt Smart Home Camera

Sharper vision, smarter security

Unveiling TY1 Pro 3K, the newest innovation to experience next-level home security. It secures your home with sophisticated 3K 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.

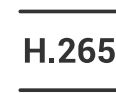|			
3K Resolution	Panoramic View	Patrol Mode	Smart Color Night Vision
Smart Human Shape Detection	Auto-Zoom Tracking	Loud Noise Detection	Two-Way Calling with Touch Button
Sleep Mode for Privacy Protection	H.265 Video Technology	Supports 2.4 / 5 GHz Dual-Band Wi-Fi[1]	Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage[2]

360° protection in stunning 3K detail

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

See in 360°

340°
Horizontal rotation

55°
Vertical rotation

Enhanced security with fully-automated rotation

The TY1 Pro 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.
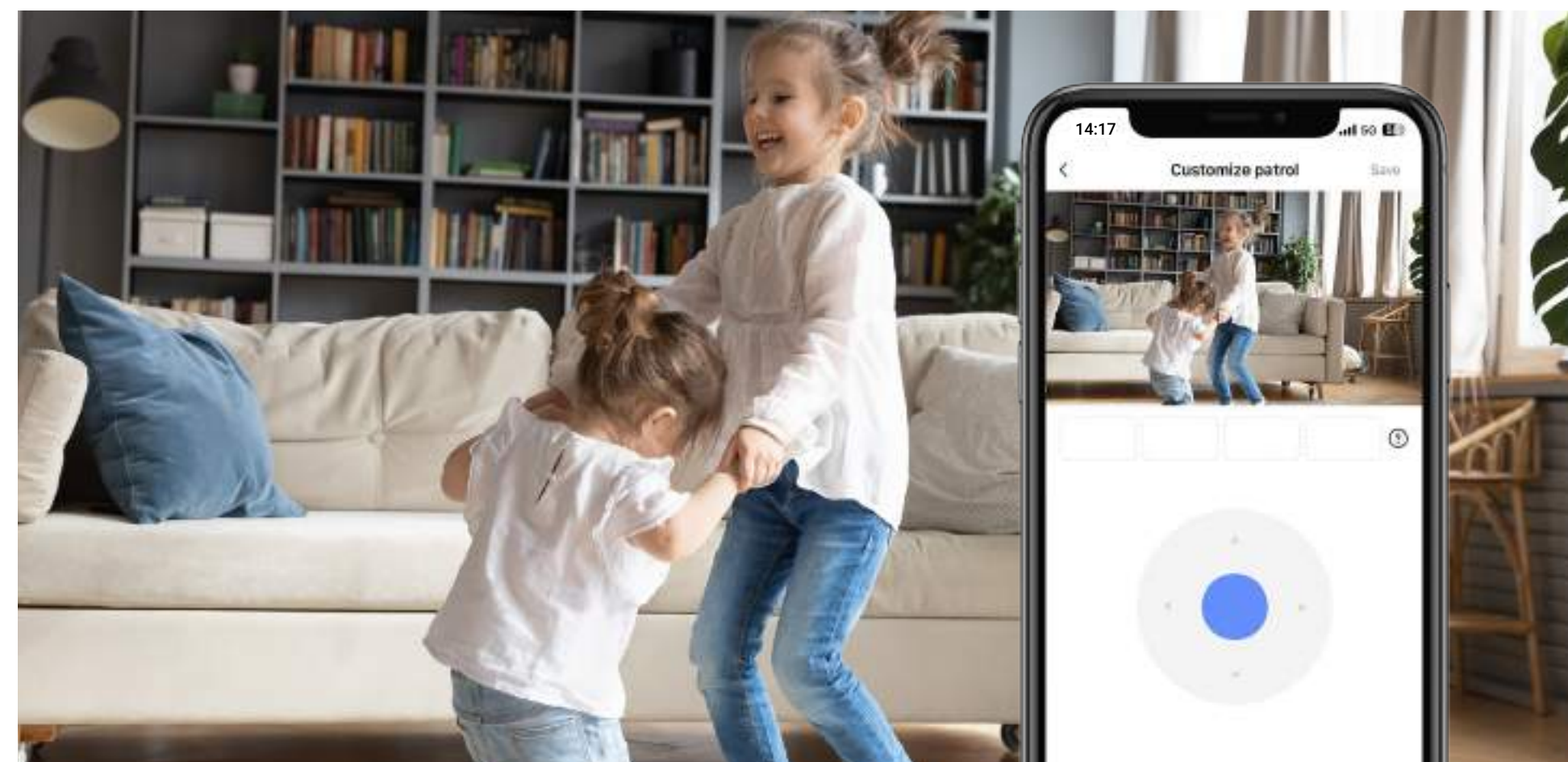
Overall Patrol

Customize Patrol

Pan horizontally

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 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 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[1] band to ensure a strong Wi-Fi signal.

2.4 GHz   5 GHz

A visual diary made of precious moments

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

512 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 their sizes by up to 50%[3].
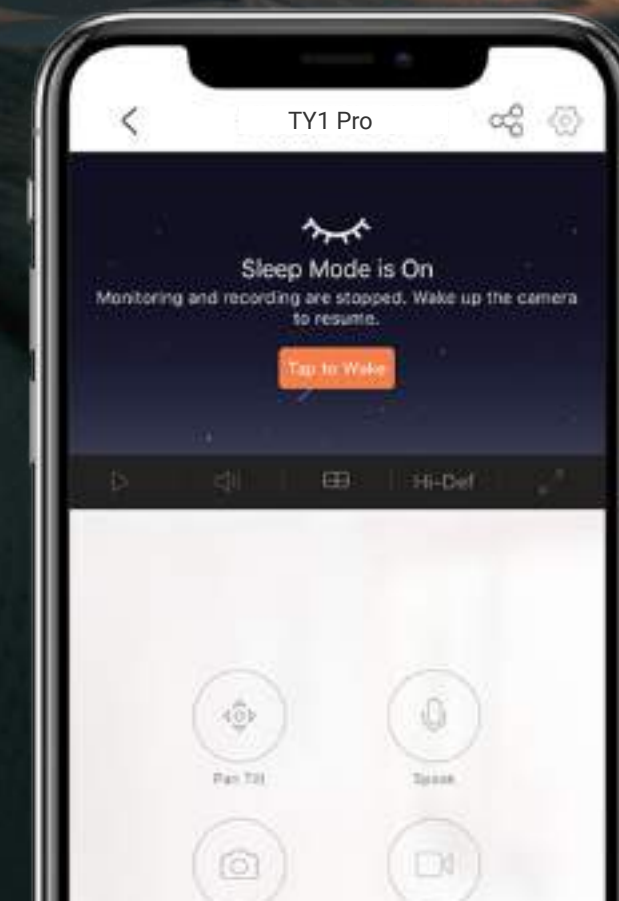
50% ↓
Video Storage Space

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.

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
ISO 27001

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
ISO 29151

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
CSA STAR

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
ISO 27018

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
ISO/IEC 27017

PRIVACY INFORMATION MANAGEMENT SYSTEM
DNV
ISO/IEC 27701

TLS
Data Transmission Encryption

AES-128
Data Encryption

TY1 Pro

Sleep Mode is On
Monitoring and recording are stopped. Wake up the camera to resume.

Tap to Wake

Hi-Def

Pan Tilt   Space

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-R105-1J5WF

Camera

Image sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.6 Viewing angle: 104°(Diagonal), 87° (Horizontal), 53°(Vertical)
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	2880 × 1620
Frame Rate	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	Supports microSD card (Up to 512 G)
Power	TYPE-C
Wired Network	RJ45 × 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	Max. 8W
IR Range	MAX. 10 meters (32.81 ft)
Dimensions	88 × 88 × 119 (3.46 × 3.46 × 4.69 inch)
Packaging Dimensions	103 × 103 × 168 (4.06 × 4.06 × 6.61 inch)
Bare Weight	213 g (0.47 lb)

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