EZVIZ™

TY1 Pro

2K **Type-C**

Pan & Tilt Smart Home Camera

Care and protect your family effortlessly

It's time to upgrade your everyday home camera with the capabilities of the latest TY1 Pro. Designed to protect your indoor spaces with a wide, clear vision and smart detection, the TY1 Pro also boasts useful, unique features that make remote communication easier for everyone in the family. You can use the camera to keep an eye on your children and parents, watch how your pets behave at home, monitor your family business and much more.

2K Resolution

Panoramic View

Smart Color Night Vision

Patrol Mode

Two-Way Calling with Touch Button

Smart Human Shape Detection

Auto-Tracking

Loud Noise Detection

Sleep Mode for Privacy Protection

H.265 Video Technology
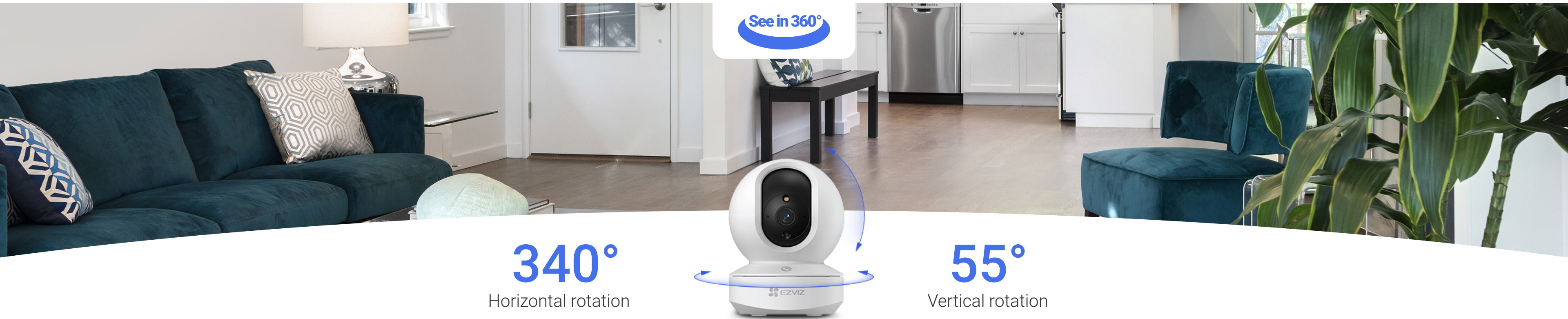
Smart Integration with Google Assistant & Amazon Alexa[1]

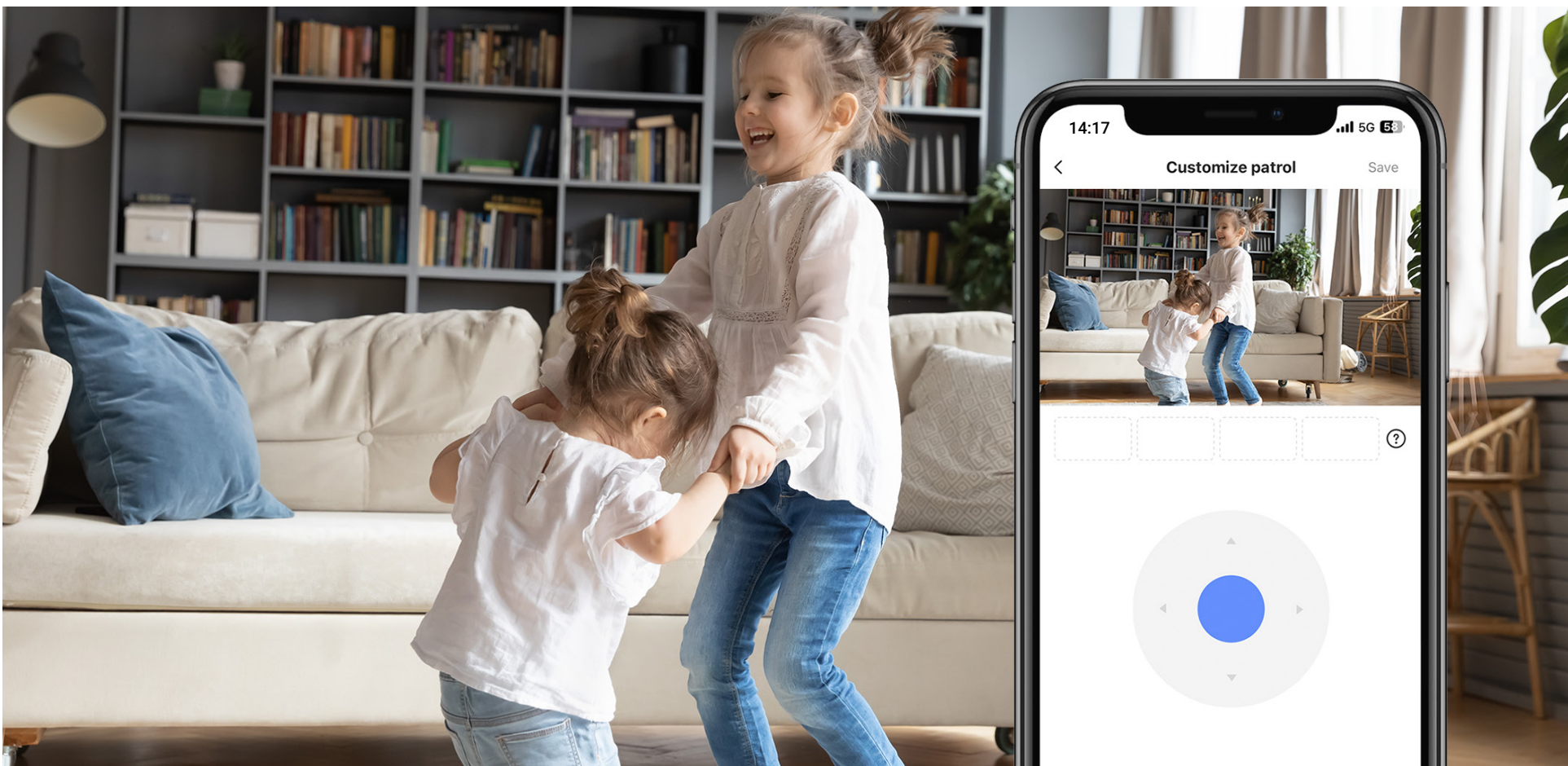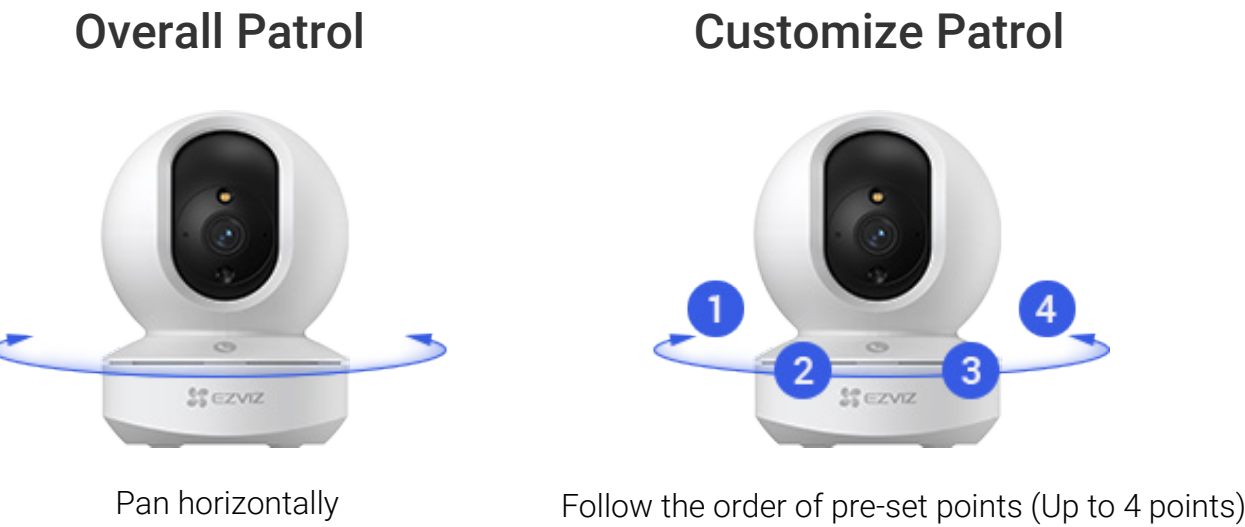Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage[2]

360 degrees in 2K, means no spot left uncovered

The TY1 Pro grants you a sweeping view of your indoor space with its smooth camera rotation. It can record crisp details at your preferred viewing angle, or you can customize specific patrol pinpoints using the patrol mode for the camera to work on its own.

See in 360°

340°
Horizontal rotation

55°
Vertical rotation

360° protection with customized patrol

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

Pan horizontally

Customize Patrol

1 2 3 4

Follow the order of pre-set points (Up to 4 points)
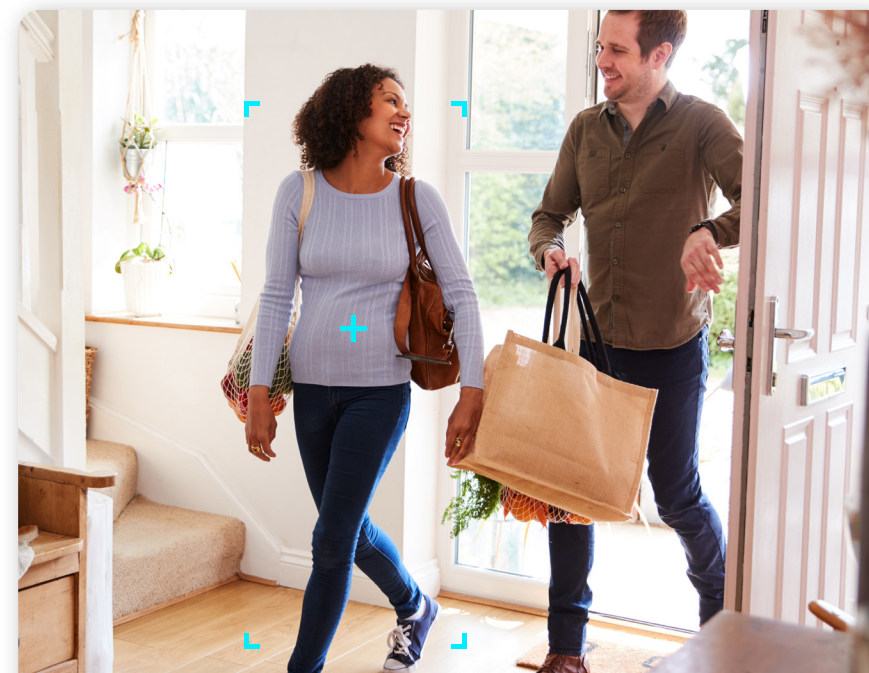
14:17

Customize patrol   Save

Alert you about sudden loud noises

When a baby cries or your pet breaks a vase, the camera can detect such sudden changes of the sound level in the environment.

Touch to call to stay in touch

Anyone can easily initiate video calls by taping the touch call button on the camera – even kids and the elderly can reach out to you effortlessly.

Detect and follow people movements

The camera can smartly distinguish human shapes in particular. It also automatically locks on the detected person to capture the whole activity.

Get notified instantly

Upon detection, the TY1 Pro promptly sends notifications to your phone. You can check activity details and reply videos as you want.
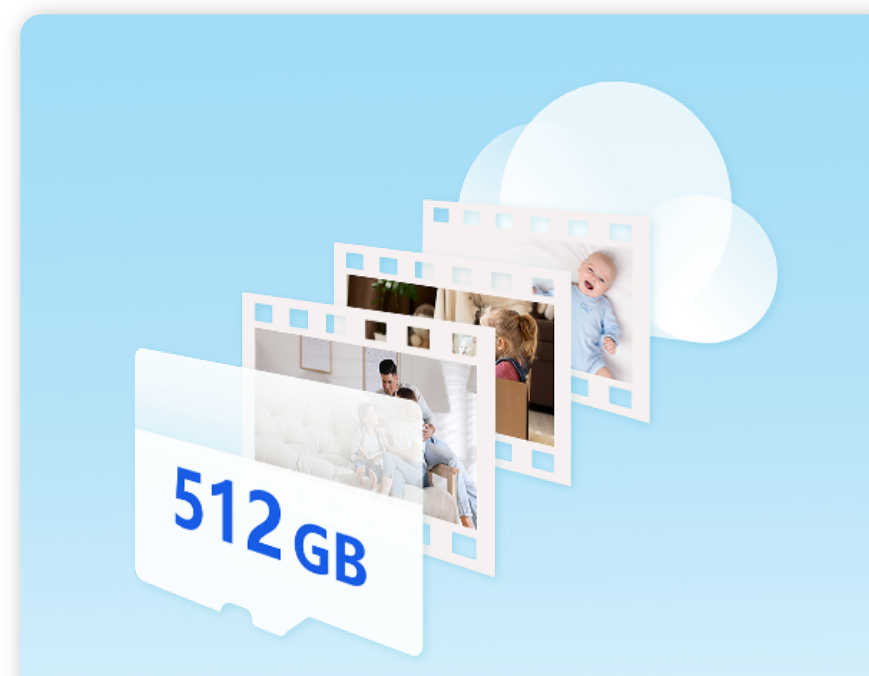
High-quality two-way audio

Stay away from it, honey!

With the built-in microphone and speaker, you can always engage in real-time conversations with your loved ones even from afar.

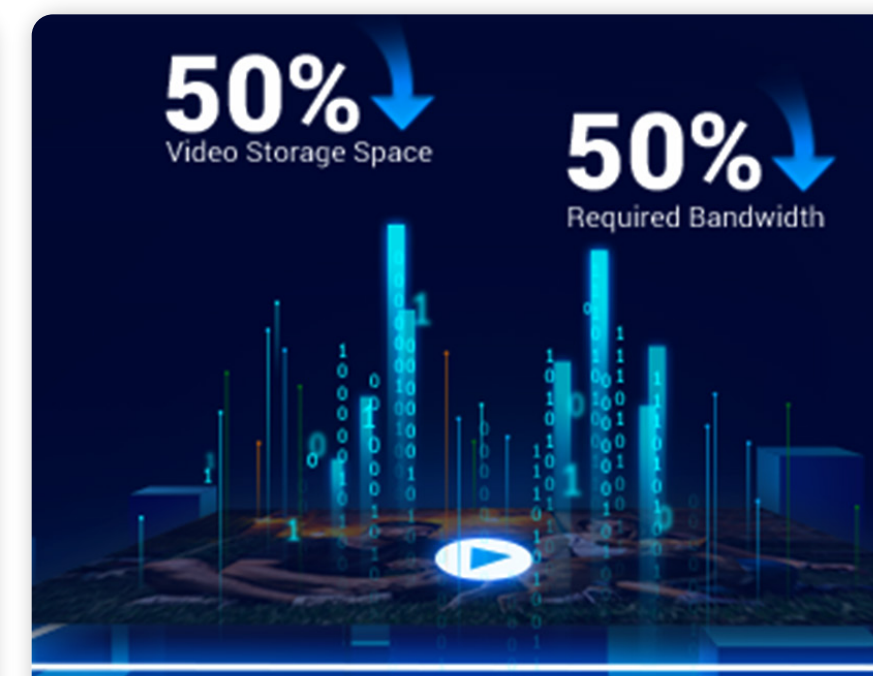## Hands-free control

Alexa, show me the baby`s room

With integration to your voice assistants, you can pull up the video feed by simply saying "Alexa" or "Hey Google."[1]

Dual video storage options

512 GB

Capture and secure important moments or unforgettable memories on a large 512 GB microSD card, or by subscribing to the EZVIZ CloudPlay.[2]

H.265 video technology

50% Video Storage Space
50% Required Bandwidth

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by other cameras applying the H.264.[3]

Captures vivid colors in the night time

Up to your choice, the TY1 Pro can use a built-in spotlight to render color night vision even in the pitch darkness.
Its black-and-white night vision also serves well to keep you well informed.

Smart Color Night Vision (Up to 5 m)
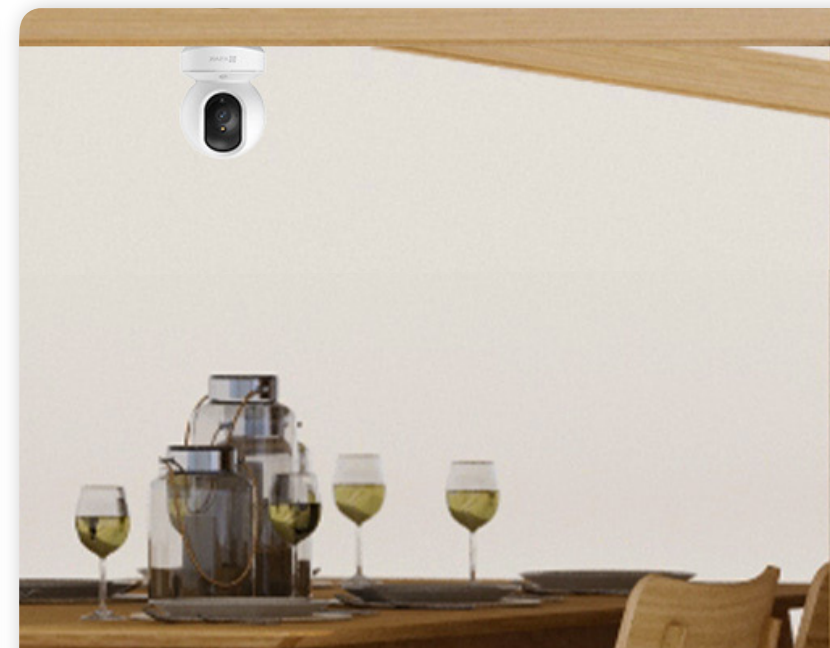
IR Night Vision (Up to 10 m)

Install easily as you want

You can place the TY1 Pro almost anywhere inside your home to get optimal coverage. EZVIZ provides flexible installation accessories to facilitate your need.
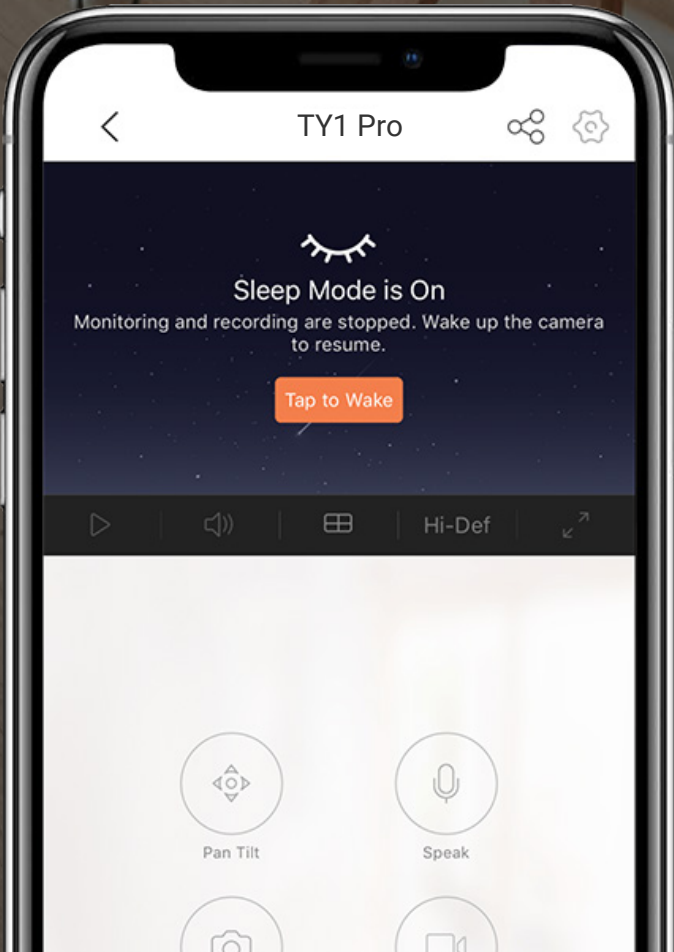
Sits anywhere

Mounts on ceilings

Attaches to walls

(Additional wall mount bracket required)

We do our best to protect your data

TLS
Data Transmission Encryption

AES-128
Data Encryption

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

Tap to Wake

Hi-Def

Pan Tilt   Speak

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.

1 Google Assistant is not available in certain languages and countries.

2 The local storage card must be purchased separately. The cloud storage service is only available in certain markets. Please verify the 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-R105-1L3WF

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.6 Viewing angle: 98°(Diagonal), 82° (Horizontal), 48°(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	2304 × 1296
Frame Rate	Self-Adaptive during network transmission

Network

Smart Alarm	Motion Detection, Human Shape Detection, Human Shape Tracking, Loud Noise Detection, Patrol Mode
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	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	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 / 1A
Power Consumption	Max. 5W
IR Range	Max. 10 m / 33 ft
Dimensions	88 × 88.2 × 119 mm (3.46 × 3.47 × 4.69 inch)
Packaging Dimensions	103 × 103 × 168 mm (4.06 × 4.06 × 6.61 inch)
Bare Weight	218 g (0.48 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