



# TY1

It's got you covered – all day & all night.

## 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.

**FHD** 1080p



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



Motorized Pan  
and Tilt for 360°  
Visual Coverage



Sleep Mode for  
Privacy Protection



Motion Detection



Smart Tracking



Two-Way Talk



View from Anywhere



Wi-Fi 2.4 GHz



MicroSD Slot  
(up to 256 GB)



## 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 340°



## Smart tracking.

When the camera detects a moving object, it is smart enough to automatically track the 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.

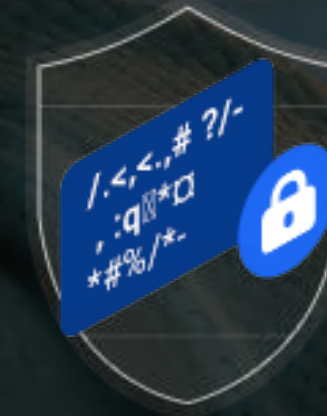
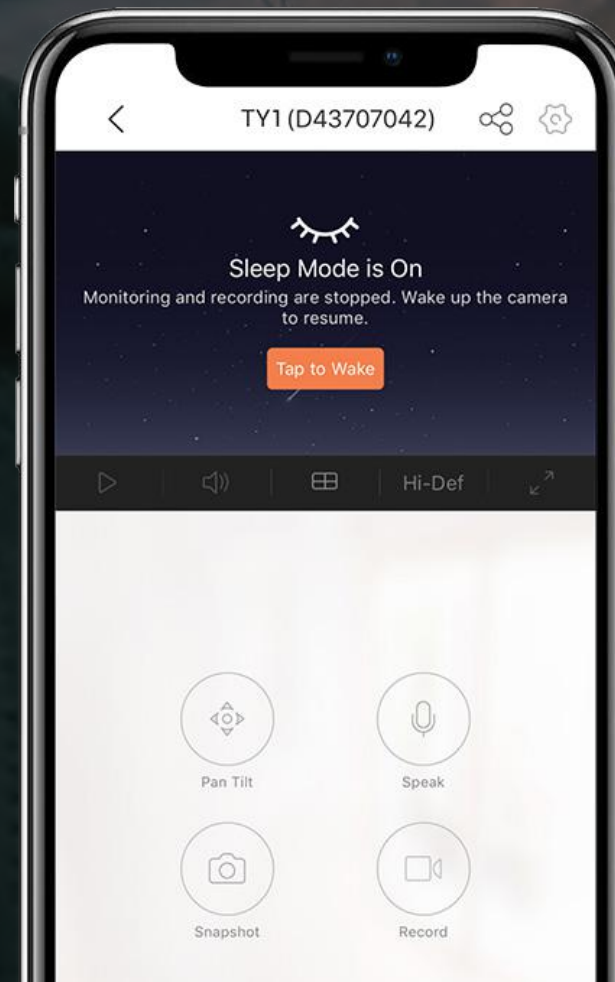
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Enjoy round-the-clock protection with the TY1 camera. Using powerful Infrared LED lights, it lets you see up to 10 meters (33 feet) in dim light.



## 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

## Multiple Storage Solutions

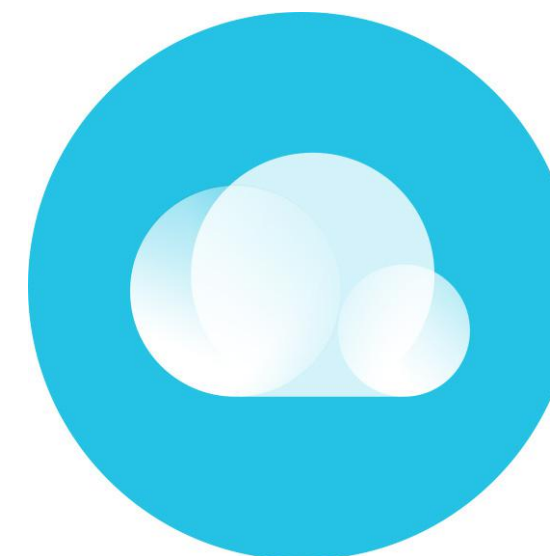
With multiple storage options, you can choose where to save your recordings. The TY1 camera can even save to all three locations at the same time for added backup in case the camera is damaged, or your network crashes.

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

\*Supports NVRs from specific brands only.



Supports MicroSD Card



Encrypted Cloud Storage\*



NVR\*

# Specifications Model CS-TY1-B0-1G2WF

## Camera

Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm@ F2.4, view angle: 85° diagonal, 75° horizontal, 45° vertical
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR

## Compression

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

## Image

Max. Resolution	1920 × 1080
Frame Rate	Max:15fps; 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	MicroSD card slot (Max. 256GB)
Power	Micro USB
Wired Network	RJ45 X 1 (10M/100M self-adaptive Ethernet port)

## Wi-Fi

Standard	IEEE802.11b/g/n
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

## Operating Environment

Temperature	-10°C to 45°C (14°F to 113 °F)
Humidity	95% or less (non-condensing)

## General


Power Supply	DC 5V/1A
Power Consumption	5W max
IR Range	MAX. 10 meters (32.81 ft.)
Dimensions	88 x 88 x 118.7 mm (3.46 x 3.46 x 4.67 inch)
Packaging Dimensions	103 x 103 x 186 mm (4.06 x 4.06 x 7.32 inch)
Net Weight	259g (9.14oz)

## In the box:

- TY1 Pan/Tilt Camera
- Base
- Screw Kit
- Power Cable 3m (9.8 ft.)
- Drill Template
- Power Adapter
- Quick Start Guide

## certificates:

FCC / UL / CE / WEEE / REACH / RoHS

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