EZVIZ™

TY1 G1 2K

Indoor Pan & Tilt Wi-Fi Camera

Keeps An Eye On Every Precious Moments

A Remodel of Your Favorite

TY1

2K

Clear Footage

Impressive

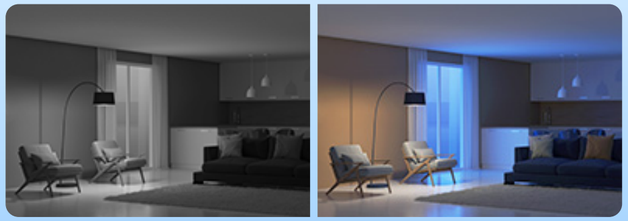
85° Tilt

From floor to ceiling

350° Pan

From wall to wall

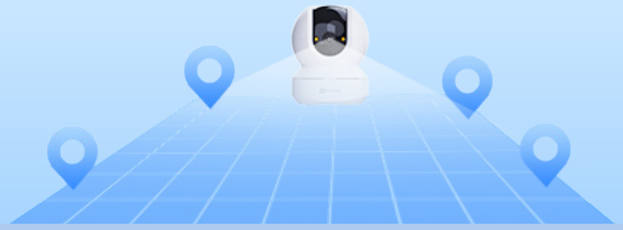
Smart Color Night Vision



Smart Human Detection

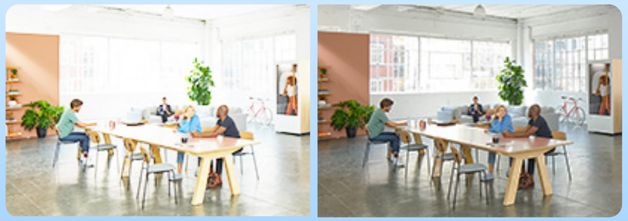
Smart Tracking

Auto-Patrol Mode



Two-Way Talk

WDR to Adjust Lighting



Physical Privacy Shutter

Supports Wi-Fi & Wired Connectivity

Supports Local & Cloud Storage[1]

An all-time favorite camera, now better than ever

When a favorite grows, it becomes a classic.
The new TY1 inherits the core of the beloved TY1, and mixes it with innovation to take it the best.

A Renowned C6N Family

7,000,000+

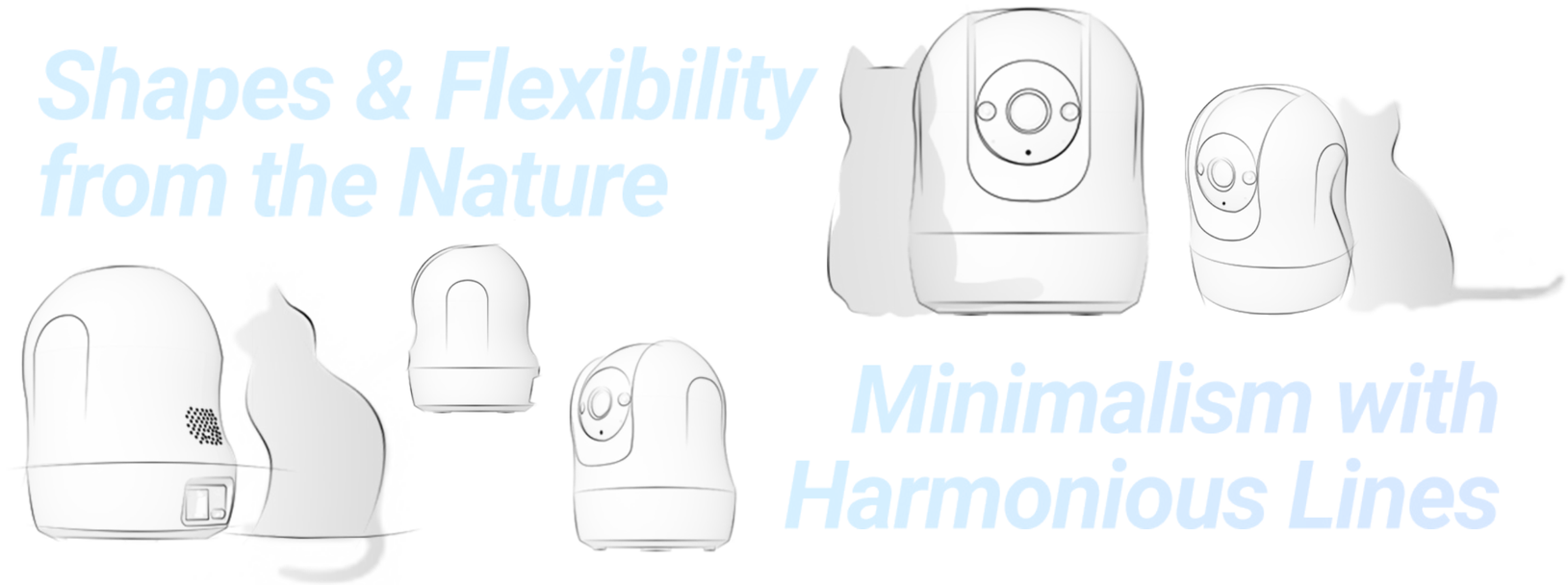
Units Sold Globally from 2022-2024[2]

A Human-Centered Design Heritage

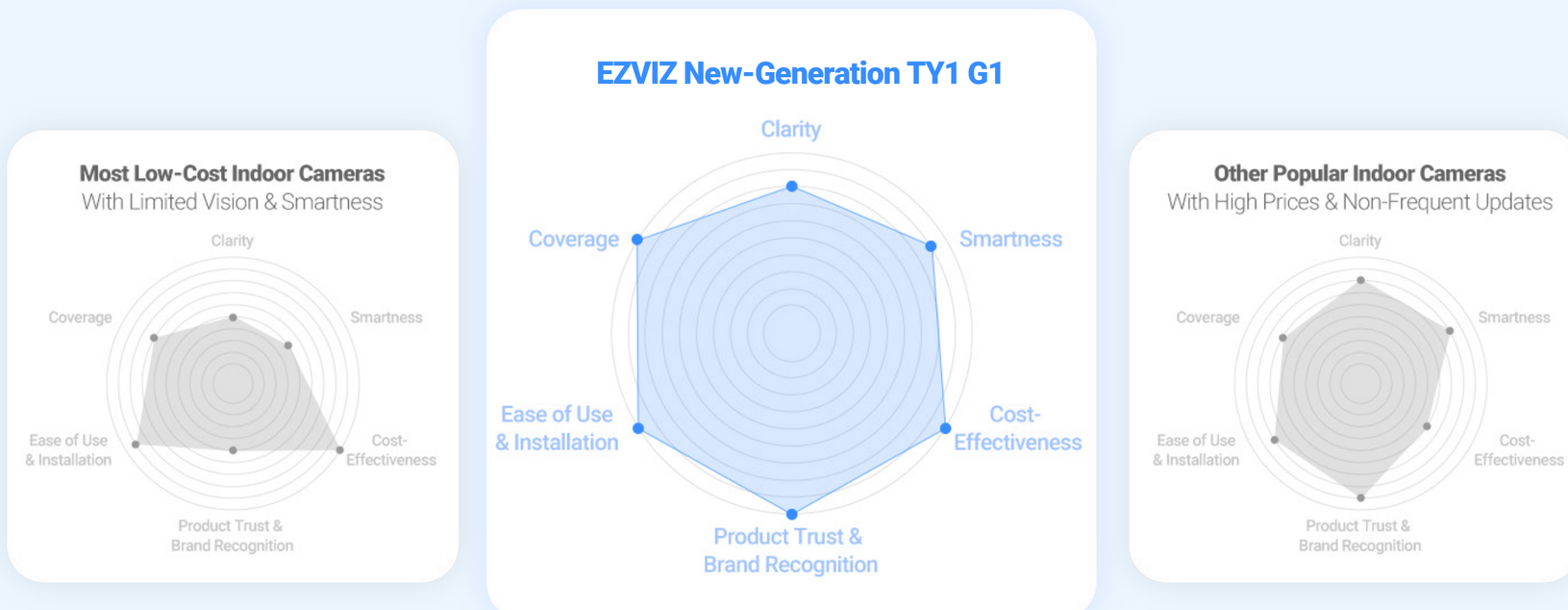
International Design Awards Received by EZVIZ from 2022-2024[3]

Great brands don't age. They adapt.

Everything you loved, redesigned to look sleeker, respond smarter and see better.



An all-rounder that owns the game



*The chart is only for illustration purposes to show the overall competence of the TY1 G1 (2K), based on the EZVIZ Lab's test results of other commonly seen product models sold in the market.

Clear 2K Resolution

Holds Every Moment in 2K View

Bring your home into clear focus with the TY1 G1. Its 2K resolution reveals the details that matter most, helping you check in with confidence, whether it's on your loved ones or your everyday moments.

2304 × 1296 Pixel

1/2.8" Progressive Scan CMOS

360° Panoramic Coverage

Unlocks A Wider View Of Home

See more of what matters with an upgraded pan and tilt range that reaches wider than before.
From floor to ceiling, the camera helps you keep every corner in view with ease.

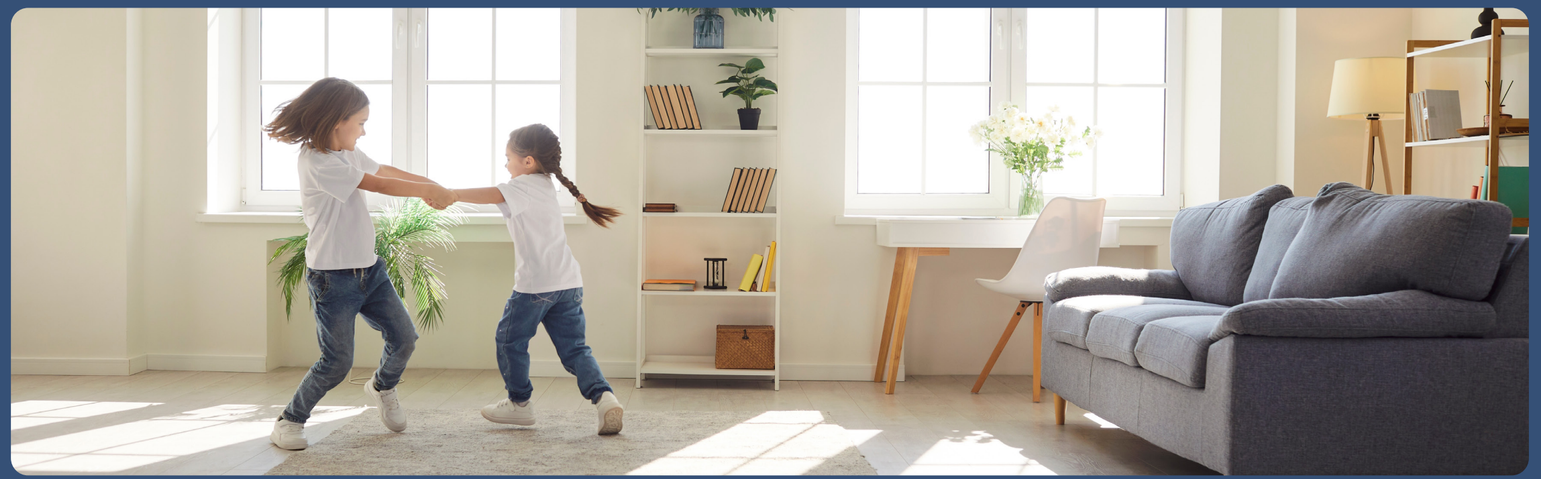
Desktop View | **Ceiling-Mounted View**

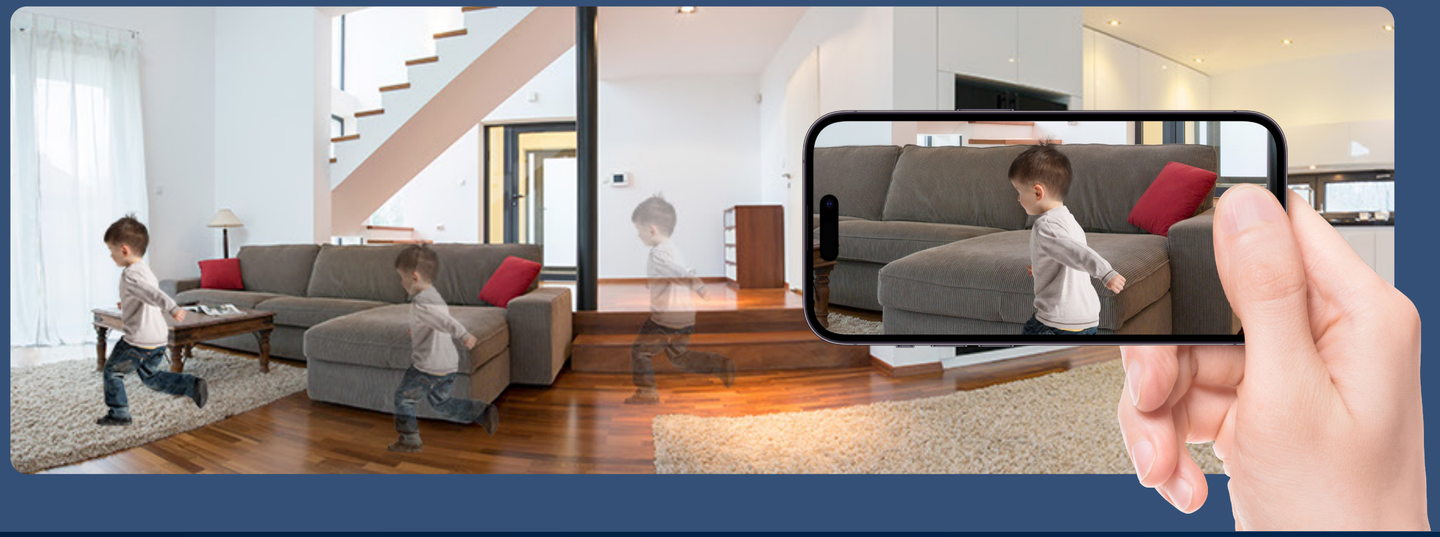
Auto-Zoom Tracking Upon Human Detection

Stays Focused On What Matters Inside Home

Smart detection to keep you informed

Detects human motions





Smart tracking to follow a complete activity

Keeps the motion sharp and in focus

Smart Color Night Vision

Experiences The Night In Living Color

Unlike traditional infrared night vision that renders scenes in dull monochrome, the color night vision of TY1 captures true-to-life hues and striking details even in low light.

- F2.0 Large Aperture to Capture Dim Lights
- Smart Color Night Vision with Built-In Lights
- Night Vision up to 10m (33ft)

Wide Dynamic Range

Reveals Details in Every Light

WDR helps the camera balance bright and dark areas in the same frame, so nothing gets lost in shadows or washed out by sunlight.

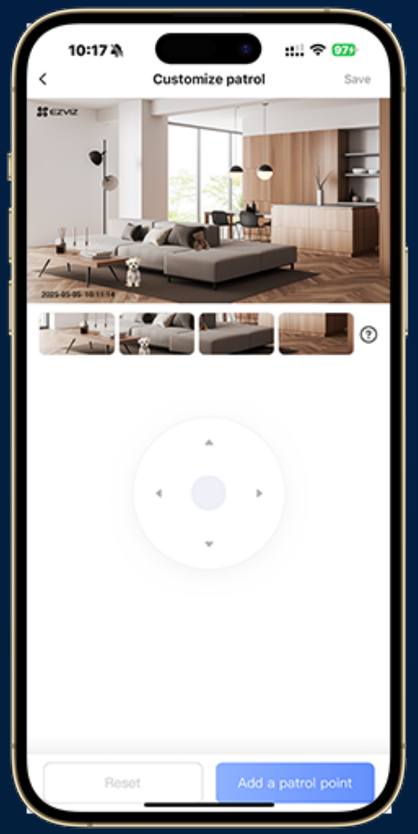
Auto-Patrol Mode

Checks In Your Home Right From Your Phone

Create your own security check routines, so the camera knows exactly where to focus. Once you've chosen the areas that matter most, the camera will automatically patrol those spots and alert you when necessary.

Customizable Patrol Area

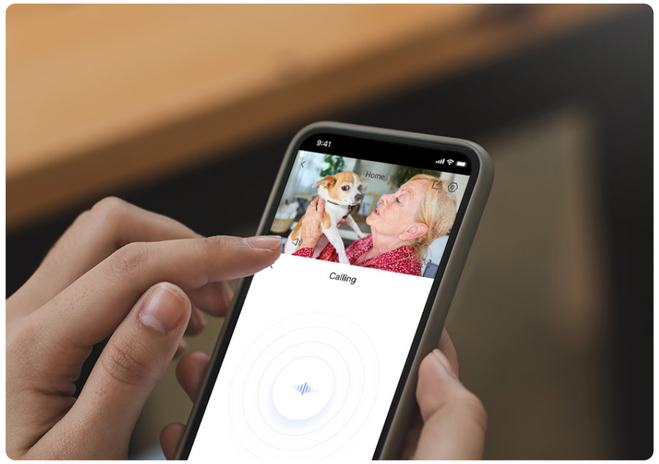
Easy Control from the App



Two-Way Talk

Connects To Your Loved Ones Anytime, Anywhere

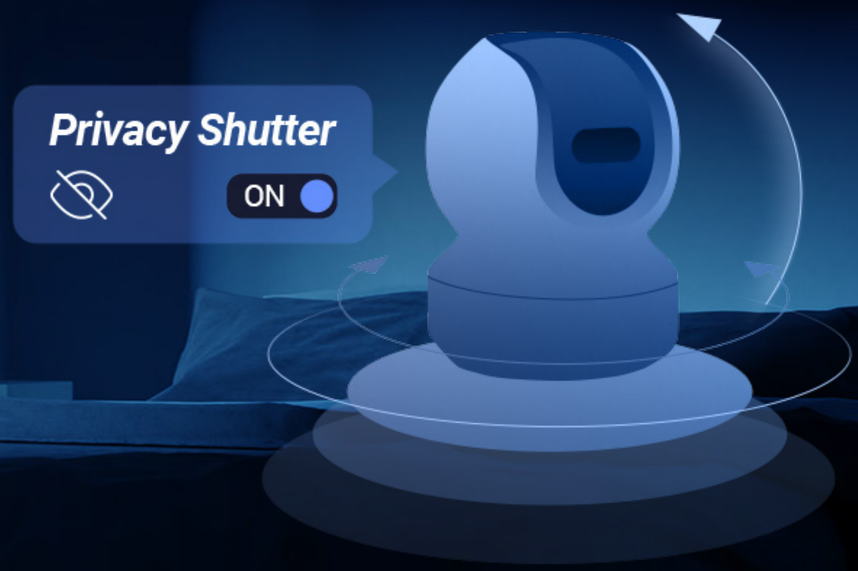
Whether you want to check up on your kids after school or soothe your furry friends, the camera makes it simple with two-way talk. Now you can enjoy peace of mind knowing you can reach out anytime, anywhere.



Privacy Design

Turns Off When You Need Privacy

Your privacy matters. With a simple tap, The camera physically closes its lens, ensuring it's truly off when you want it to be. You can relax knowing your space is truly private.



Meant for every moment and mode

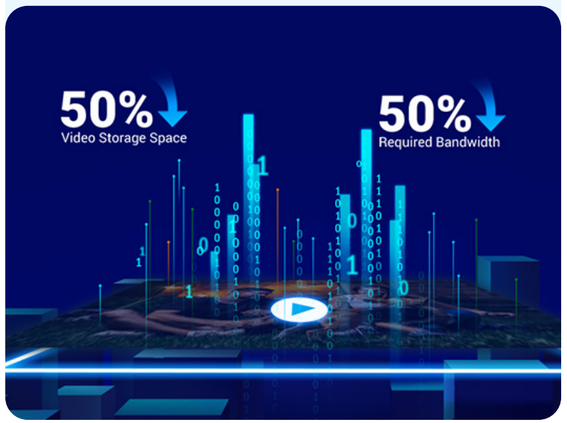
From your living room to busy storefronts, it's ready to roll wherever you need it.

Convenience isn't extra, it's built in

Ample storage for precious moments[1]

Flexible connectivity for wired and wireless setups

Smoother viewing with smaller video files[4]



We're committed to protecting with trust

We put security as the primary goal of every product and system that we build. We have also developed various privacy features and flexible settings that you can use at any time to feel even safer.

Learn more about our security practices >

End-to-end Data Encryption

AES

Data Encryption

TLS

Data Transmission Encryption

Our global certifications in the fields of ***information security, privacy information security,*** *and* ***cloud security***

INFORMATION SECURITY MANAGEMENT SYSTEM DNV ISO/IEC 27001

INFORMATION SECURITY MANAGEMENT SYSTEM DNV ISO 27017

INFORMATION SECURITY MANAGEMENT SYSTEM DNV ISO 27018

INFORMATION SECURITY MANAGEMENT SYSTEM DNV ISO 29151

PRIVACY INFORMATION MANAGEMENT SYSTEM DNV ISO/IEC 27701

IT SERVICE MANAGEMENT SYSTEM DNV·GL ISO/IEC 20000

DATA SECURITY MANAGEMENT DNV ISO 38505

BUSINESS CONTINUITY MANAGEMENT DNV ISO 22301

INFORMATION SECURITY MANAGEMENT SYSTEM DNV CSA STAR

AICPA Service Organization Control Reports AICPA SERVICE ORGANIZATIONS SOC aicpa.org/soc Formerly SAS 70 Reports

1 Local storage cards must be purchased separately. Cloud storage service is only available in certain market regions. Please verify availability before making a purchase.

2 The sales data are collected by EZVIZ form all of its traceable sales channels in the international markets (excluding mainland China) and refer to the total units sold of the C6N family (including the past C6N and H6c models that have an identical appearance) from the period 2022-2024.

3 The awards shown on this page include all the product design awards that EZVIZ as a company won from 2022 to 2024, and are not honors only for indoor cameras.

4 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-R220-1L3WFL

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F2.0, view angle: 98°(Diagonal), 83° (Horizontal), 44°(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, Loud Noise Detection
Wi-Fi Pairing	AP pairing / Bluetooth pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

Interface

Storage	microSD card slot (Max 512G)
Power	Type-C
Wired Network	RJ45 X 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	0.51 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 meters (32.81ft)
Dimensions	88 × 88 × 117.3 mm (3.46 × 3.46 × 4.61 inch)
Packaging Dimensions	103 × 103 × 168 mm (4.06 × 4.06 × 6.61 inch)
Bare Weight	222 g (0.49 lb)

In the box

- TY1 G1 Camera
- Power Adapter
- Power Cable
- Drill Template
- Mounting Plate
- Screw Kit
- Regulatory Information × 2
- Quick Start Guide

Certifications

CE / UL / WEEE / REACH / RoHS

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