



# EZVIZ TY1 2MP

Indoor pan-and-tilt Wi-Fi smart home camera · Specification summary



|                                |                                                                   |
|--------------------------------|-------------------------------------------------------------------|
| <b>Manufacturer model code</b> | CS-TY1-B0-1G2WF                                                   |
| <b>Image Sensor</b>            | 1/3" Progressive Scan CMOS                                        |
| <b>Shutter Speed</b>           | Self-adaptive shutter                                             |
| <b>Lens</b>                    | 4mm@ F2.4, view angle: 85° diagonal, 75° horizontal, 45° vertical |
| <b>Lens Mount</b>              | M12                                                               |
| <b>Day &amp; Night</b>         | IR-cut filter with auto-switching                                 |
| <b>DNR</b>                     | 3D DNR                                                            |
| <b>WDR</b>                     | Digital WDR                                                       |
| <b>Video Compression</b>       | H.264                                                             |
| <b>Video Bit Rate</b>          | Full HD; HD; Standard. Adaptive bit rate                          |
| <b>Max. Resolution</b>         | 1920 × 1080                                                       |
| <b>Frame Rate</b>              | Max:15fps; Self-Adaptive during network transmission              |
| <b>Smart Alarm</b>             | Motion detection                                                  |
| <b>Wi-Fi Pairing</b>           | AP pairing                                                        |
| <b>Protocol</b>                | EZVIZ Cloud proprietary protocol                                  |
| <b>Interface Protocol</b>      | EZVIZ Cloud proprietary protocol                                  |
| <b>Storage</b>                 | MicroSD card slot (Max. 256GB)                                    |
| <b>Power</b>                   | Micro USB                                                         |
| <b>Wired Network</b>           | RJ45 X 1 (10M/100M self-adaptive Ethernet port)                   |
| <b>Standard</b>                | IEEE802.11b/g/n                                                   |
| <b>Frequency Range</b>         | 2.4 GHz ~ 2.4835 GHz                                              |
| <b>Channel Bandwidth</b>       | Supports 20MHz                                                    |
| <b>Security</b>                | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK                        |
| <b>Transmission Rate</b>       | 11b: 11Mbps, 11g: 54Mbps, 11n: 72Mbps                             |
| <b>Temperature</b>             | -10°C to 45°C (14°F to 113 °F)                                    |
| <b>Humidity</b>                | 95% or less (non-condensing)                                      |
| <b>Power Supply</b>            | DC 5V/1A                                                          |

|                             |                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Power Consumption</b>    | 5W max                                                                                                             |
| <b>IR Range</b>             | MAX. 10 meters (32.81 ft.)                                                                                         |
| <b>Dimensions</b>           | 88 × 88 × 118.7 mm (3.46 × 3.46 × 4.67 inch)                                                                       |
| <b>Packaging Dimensions</b> | 103 × 103 × 186 mm (4.06 × 4.06 × 7.32 inch)                                                                       |
| <b>Net Weight</b>           | 259g (9.14oz)                                                                                                      |
| <b>In the box</b>           | TY1 Pan/Tilt Camera; Base; Screw Kit; Power Cable 3m (9.8 ft.); Drill Template ; Power Adapter ; Quick Start Guide |
| <b>certificates:</b>        | FCC / UL / CE / WEEE / REACH / RoHS                                                                                |

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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