



EZVIZ EP3x Pro

· Specification summary

Device class	Dual lens battery video doorbell
Manufacturer configuration	CS-EP3x Pro is the printed configuration. Confirm the actual supplied kit and region; the navigation wording does not establish equivalence with another Kit SKU.
Image sensor	1/2.8-inch progressive-scan CMOS, with low-light sensitivity described in the cited camera section.
Upper camera lens	2.3 mm at F2.2, with a 162° diagonal viewing angle. This is separate from the downward-facing camera.
Bottom camera lens	2.3 mm at F2.2, with a 155° diagonal viewing angle. Do not add the two viewing angles into a single coverage figure.
Separate camera resolutions	Main camera: 2048 × 1296 (2K). Bottom camera: 1920 × 1080 (1080p). These are separate streams, not a combined megapixel rating.
Frame rate	15 fps fixed frame rate in the table. This is not the adaptive-rate wording used by other EZVIZ models.
Video processing	H.265 / H.264 and 2D / 3D DNR are listed.
Infrared reference	ICR infrared filtering, with up to 6 m listed for night vision. This is distinct from the PIR sensing distance and is not an identification guarantee.
Colour night-vision condition	With Color Night Vision enabled, the manufacturer reports colour viewing within 1 m in standard lab conditions using the built-in LED. Confirm the actual scene; this is not a 6 m colour-range promise.
PIR sensing angle	120° for the PIR sensor. This is separate from either camera viewing angle.
PIR distance settings	Maximum 5 m; sensitivity settings are listed as high 5 m, medium 4 m and low up to 3 m. Confirm actual mounting, scene and settings.
Detection references	AI-powered human shape detection and package detection are listed. Actual alerts depend on setup and scene; confirm sensitivity and the intended use.
Two way talk	Two way talk is listed. Confirm the supported app, account, network and actual firmware.
Audio components	A built-in microphone and speaker are listed for the doorbell.
Tamper alert	A sound-and-light anti-dismantling alarm and EZVIZ app alerts are listed. Confirm configured behaviour; this is not a monitored response service.
Buttons	Doorbell and reset controls are listed. Confirm the actual local chime arrangement separately.
Optional CH1 chime	EZVIZ CH1 is not included in the described kit. Verify exact product compatibility before purchasing a separate chime.
Built-in local storage	32 GB eMMC storage is built in. Recording history depends on activity and settings; a removable microSD slot is not established by this row.
Optional cloud storage	EZVIZ CloudPlay is optional and available only in certain markets. Confirm account, current service and subscription terms.

Wireless standard	IEEE 802.11b/g/n is listed for the doorbell.
Wireless band	2.4–2.4835 GHz with 20 MHz channel bandwidth. A 5 GHz radio is not established by this source.
Protocol reference	EZVIZ Cloud proprietary protocol is listed. Confirm other devices and software by exact version.
Battery reference	5200 mAh rechargeable lithium battery in the doorbell. This is capacity, not a guaranteed service interval.
Charging and supply references	The table lists 8–24 V AC, Type-C 5 V DC $\pm 10\%$, and an EZVIZ solar panel. These are separate supply references, not instructions to connect them together. Confirm the exact manual, existing chime and supplied package.
Doorbell power consumption	Up to 3 W in the cited table.
Doorbell operating conditions	-20 to 50 °C, humidity 95% or less, non-condensing.
Doorbell protection	IP65 is listed for the doorbell. Confirm seals, connections and mounting conditions.
Doorbell dimensions	166 × 50 × 31 mm in the source order. Allow separate bracket and cable clearance.
Doorbell net weight	276 g for the doorbell, distinct from the complete packed weight.
Solar panel power reference	1.2 W maximum power is listed for the solar panel. Actual charging depends on exposure and use.
Solar panel environment	-20 to 50 °C and IP65 for the panel.
Solar panel dimensions	126 × 56 × 44 mm. These are panel dimensions, not doorbell dimensions.
Supplementary solar charging	The solar panel supplements the doorbell battery; it is not the primary or only power option. Sunlight, orientation and obstructions affect charging.
Packed weight	650 g with package, separate from the 276 g doorbell.
Manufacturer package reference	The page lists EP3x Pro doorbell, mounting and inclined brackets, templates, solar panel, power cable, pin, three screw kits, two U-shaped wires, two wire connectors, regulatory information and guide. Confirm the actual local kit; CH1 is separately excluded.

Specifications are summarised from the manufacturer's published information (checked 2026-10-21). 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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