EZVIZ EB8 Pro 4K Kit

4G and Wi-Fi battery-powered pan-and-tilt camera kit with solar panel · Specification summary



Manufacturer model code	CS-EB8-R200-1M8W4GA, CS-EB8/SP (4K, W4GA)
Image Sensor	1/2.8" 8-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.2; Diagonal angle: 104°; Horizontal angle: 83°; Vertical angle: 44°
PT Angle	Pan: 340°, Tilt: 75°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15 m
Max. Resolution	4K (3840 × 2160)
Frame Rate	15fps; Self-adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra-HD; Full HD; Hi-Def; Adaptive bit rate
Audio Bit Rate	Self-adaptive
Max. Bitrate	4 Mbps
Smart Alarm	AI-powered human shape detection; AI-powered vehicle shape detection; AI-powered wild animal detection
Two-Way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz~2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: 72Mbps, 11ax: 114Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

Minimum Network Requirement	8 Mbps
4G LTE Frequency Bands	EU: LTE FDD: B1/B3/B5/B7/B8/B20/B28, LTE TDD: B38/B40/B41 LA: LTE TDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 LTE TDD: B38/B40
Local Storage	Supports microSD card (max. 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)
Operating Conditions	-20 °C to 50 °C (-4 °F to 122 °F), humidity 95% or less (non-condensing)
IP Grade	IP65
Power Supply	DC 5V/2A (Adapter needs to be purchased separately)
Battery Capacity	10,400 mAh
Power Consumption	Max.10 W
Product Dimensions	184 × 102 × 168 mm (7.24 × 4.02 × 6.61 inch)
Packaging Dimensions	205 × 145 × 194 mm (8.07 × 5.70 × 7.64 inch)
Product Weight	810 g (28.57 oz)
Weight (with package)	1332 g (46.99 oz)
Solar panel model code	CS-PSP8-R100-3M
Solar panel: Power Voltage	5.4V ± 5%
Solar panel: Power Current	1.48A ± 5%
Solar panel: Open Circuit Voltage	6.8V ± 5%
Solar panel: Short Circuit Current	1.64A ± 5%
Solar panel: Max. Power	8W ± 5%
Solar panel: Interface	Type-C
Solar panel: Operation Temperature	-20°C ~ 60°C (-4°F ~ 140°F), humidity 90% or less (non-condensing)
Solar panel: IP Grade	IP65
Solar panel: Solar Cell Type	Monocrystalline solar cells
Solar panel: Power Cable Length	3 meters
Solar panel: Product Dimensions	267.3 × 186.5 × 17.5 mm (10.51 × 5.83 × 0.69 inch)
Solar panel: Packaging Dimensions	282 × 194 × 70 mm (11.10 × 7.64 × 2.76 inch)
Solar panel: Weight	907 g (32 oz)
In the box	EB8 Pro 4G Camera; Solar Panel 8W; Drilling Template; Adjustable Mounting Bracket; Screw Kit × 2; Power Cable; Regulatory Information × 3; Quick Start Guide × 2
Certifications	CE / REACH / WEEE / RoHS

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.