



EZVIZ EB3 3MP Kit + Solar Panel Kit

Battery-powered Wi-Fi camera kit with solar panel · Specification summary



Manufacturer model code	CS-EB3-R200-1K3WFL, CS-PSP5-R100-3M
Image Sensor	1/2.8" 3-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F1.6, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	2.8mm@ F1.6; 130° (Diagonal), 108° (Horizontal), 56° (Vertical)
Day & Night	IR-Cut filter with auto-switching
DNR	3D DNR
Night Vision	IR Distance:15m, Color Night Vision Distance:15m
Max. Resolution	2K (2304 × 1296)
Frame Rate	15fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Quad-HD; Full HD; Hi-Def; Standard adaptive bit rate
Audio Bit Rate	Self-Adaptive
Max. Bitrate	1.5 Mbps
Bluetooth	Supports
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	WPA-PSK/WPA2-PSK, WPA3-Personal
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	4Mbps
Smart Alarm	AI-Powered Human Shape Detection, AI-Powered Vehicle Shape Detection
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Local Storage	Supports microSD card (max. 512 GB)
Cloud Storage	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 5 V / 2 A (Adapter needs to be purchased separately)
Battery Capacity	5200 mAh
Power Consumption	Max. 10W
Product Dimensions	153.3 × 62.95 × 62.95 mm (6.04 × 2.48 × 2.48 inch)
Packaging Dimensions	103 × 103 × 186 mm (4.06 × 4.06 × 7.32 inch)
Weight	Net weight: 222.7 g (7.86 oz); With Package: 569 g (20.07 oz)
Solar panel: Power Voltage	5.7 V
Solar panel: Power Current	877 mA
Solar panel: Open Circuit Voltage	6.9 V
Solar panel: Short Circuit Current	0.92 A
Solar panel: Max. Power	5 W
Solar panel: Interface	Type-C
Solar panel: Solar Cell Efficiency	23.50%
Solar panel: Operating Conditions	-20 °C to 60 °C (-4 °F to 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 meter
Solar panel: Product Dimensions	202.7 × 148 × 2.5 mm (7.98 × 5.83 × 0.10 inch)
Solar panel: Packaging Dimensions	225 × 170 × 70 mm (8.86 × 6.69 × 2.76 inch)
Solar panel: Weight	656 g (23.14 oz)
In the box	EB3 Camera; Solar Panel 5W; Screw Base; Power Cable; Drill Template; Screw Kit × 2; Regulatory Information; Quick Start Guide
Certifications	CE / REACH / WEEE / 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.

IS Distributions Sdn. Bhd., Kuching, Sarawak ·

<https://www.isdsb.com.my/product-ezviz-camera-eb3-3mp-kit-solar-panel-kit.html>