EZVIZ H80X

Dual-lens outdoor pan-and-tilt Wi-Fi smart home camera, 4K · Specification summary



Manufacturer model code	CS-H80x-R100-8G82WKFL
Image Sensor	1/2.7" + 1/2.9" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.0, viewing angle: 46° (Vertical), 87° (Horizontal), 103° (Diagonal) (1080p) 4mm @ F1.6, viewing angle: 46° (Vertical), 87° (Horizontal), 103° (Diagonal) (4K)
PT Angle	Pan: 340°, Tilt: 70°
Minimum Illumination	0.01 Lux @ (F1.0, AGC ON), 0 Lux with IR
Lens Mount	M12
Day / Night Switch	IR-cut filter with auto switch
DNR	3D DNR
WDR	Digital WDR
BLC	Supports
Black & White Night	30m / 98ft
Max. Resolution	3840 × 2160
Frame Rate	Self-Adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main Profile
Video Bit Rate	Ultra HD; Quad HD; Full HD;HD. Adaptive bit rate
Audio Bit Rate	Self-Adaptive
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	64 / 128 - bit WEP, WPA / WPA2, WPA-PSK / WPA2 - PSK
Transmission Rate	11b: 11 Mbps, 11g: 54 Mbps, 11n: 150 Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

Wired Network	RJ45 × 1 (10M / 100M adaptive Ethernet Port)
Smart Alarm	AI-powered human shape detection; AI-powered vehicle shape detection
Customized Alert Area	Supports
Two-way Talk	Supports
Auto Tracking	Supports
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark
Local Storage	Supports microSD Card (Up to 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)
IP Grade	IP65
Power Supply	DC 12V/1A
Power Consumption	MAX. 12W
Dimensions	170 × 112 × 154 mm (6.69 × 4.41 × 6.06 inch)
Packaging Dimensions	205 × 176 × 194 mm (8.07 × 6.93 × 7.64 inch)
Weight	Product: 630 g (22.22 oz); Weight with package: 1035 g (36.5 oz)
In the box	H80x Dual 4K Camera; Drill Template; Waterproof Kit; Screw Kit; Power Adapter; Regulatory Information × 2; Quick Start Guide
Certifications	CE / UL / WEEE / RoHS / REACH

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.

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