EZVIZ H90 4+4MP

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



Manufacturer model code	CS-H90-R100-8H44WKFL
Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	Top Lens: 2.8mm @ F1.6, Field of view: Diagonal 110°, Horizontal 96°, Vertical 54°; Bottom Lens: 6mm @ F1.6, Field of view: Diagonal 60°, Horizontal 52°, Vertical 28°
PT Angle	Pan: 324°, Tilt: 90°
Minimum Illumination	0.5 Lux @(F1.6, AGC ON), 0 Lux with IR
Lens Mount	M12
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
WDR	Digital WDR
Black & White Night	30 m (98 ft)
Max. Resolution	2K+ (2880 × 1620)
Frame Rate	Max: 15fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main Profile
Video Bit Rate	Ultra-HD; Hi-Def; Standard; 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	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; Motion detection
Auto Tracking	Supports
Customized Alert Area	Supports
Two-way Talk	Supports
Preset Locations	Supports
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark
Local Storage	Supports microSD card (max. 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (subscription required)
Operating Conditions	-30°C to 50°C (-22 °F to 122 °F), humidity 95% or less (non-condensing)
IP Grade	IP65 + 2h rainstorm
Power Supply	DC 12V / 1.5A
Dimensions	224 × 135 × 136 mm (8.82 × 5.31 × 5.35 inch)
Packaging Dimensions	255 × 176 × 194 mm (10.04 × 6.93 × 7.64 inch)
Weight	Net weight: 723 g (25.51 oz); With Package: 1203 g (42.43 oz)
In the box	H90 Dual 2K+ Camera; Power Adapter; Drill Template; Waterproof Kit; Screw Kit; 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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