

HB8 4K

Smart Home Battery Camera



Introduction

The revolutionary battery PT camera comes with a 4K high resolution to render clear image for all users. And the EZVIZ AOV technology, as the first feature on consumer security cameras to break the limitations of traditional PIR-based detections, provide all-day recordings with a wise power consumption. HB8 4K also support instant alert with AI-powered human & vehicle shape detection. As for the night visions, users can now enjoy the high-quality image with balanced image exposure function.

Main Features

	4K Resolution		10,400 mAh		360° Visual Coverage
	Always-On Protection		Color Night Vision		Balanced Image Exposure with Smart Lights
	Two-Way Talk		AI-Powered Human/Vehicle Shape Detection		Wi-Fi 6
	Customizable Voice Alerts		Works with EZVIZ Solar Panel for battery charging		Support MicroSD Card (Up to 512GB)
	Active Defense		Weatherproof Design		H.265 Video Technology

Dimension

Specifications

Model	CS-HB8 (8MP)
Camera	
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	15m
Video & Audio	
Max Resolution	3840*2160/4K/8MP
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
Network	
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11 ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 20MHz
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
Function	
Smart Alarm	AI human detection, AI Vehicle detection
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark
Storage	
Local Storage	MicroSD card (Max. 512GB)
Cloud Storage	EZVIZ cloud storage
General	
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	10400 mAh
Power Consumption	Max.10W
Product Dimensions	
Packaging Dimensions	
Weight pure	
Weight with package	