

HB8 Lite

Smart Home Battery Camera



Introduction

The revolutionary battery PT camera comes with 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. The device 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

	2K+ Resolution		5,200 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 Lite
Camera	
Image sensor	1/3" 4-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F1.6, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	4mm@ F1.6 Diagonal angle: 90° Horizontal angle: 75° Vertical angle: 40°
PT Angle	Pan: 340° , Tilt: 80°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15m
Video & Audio	
Max Resolution	4MP
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	4 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	