# CS-HB90/SP-R100(4MP+4MP)
## Smart Home Camera - Battery Camera

## Introduction

The very first EZVIZ dual-lens battery camera, comes with a 8W solar panel in package. Easily provide non-stop surveillance with brand-new AOV technology. The device also equips with Balanced Image Exposure Smart for excellent user experience. The intelligent dual-lens make sure user can enjoy both wide angle view for full-scene coverage and zoom-in view for more details. And the both lens support remote control.

## Main Features

| | | |
|---|---|---|
| 2K+ Panoramic Main Vision & 2K+Whole-Picture Top Vision | Dual Rotations for Ultra-Flexible Vision | 24/7 Always-On Protection |
| One-Tap Control for Linked View Change | Co-Detection for Auto Smart Tracking | AI-Powered Human/Vehicle Shape Detection |
| Balanced Image Exposure with Smart Lights | Color Night Vision | Active Defense with Siren and Strobe Light |
| Weatherproof Design | H.265 Video Technology | Wi-Fi 6 (2.4GHz) |
| Supports MicroSD Card (up to 512 GB) | Two-Way Talk | Work with Google &Alexa |

## Dimensions

135.0mm

136.5mm

229.5mm

# Specifications

| | |
|---|---|
| **Model** | CS-HB90/SP-R100(4MP+4MP W4GA) |
| **Camera** | |
| **Image sensor** | 1/3" 4-Megapixel Progressive Scan CMOS Sensor |
| **Shutter Speed** | Self-adaptive shutter |
| **Lens** | Top Lens: 2.8mm @ F1.2, Field of view : Diagonal 110°, Horizontal 96°, Vertical 54°<br>Bottom Lens: 6mm @ F1.2, Field of view : Diagonal 60°, Horizontal 52°, Vertical 28° |
| **PT Angle** | Top Lens: Pan: 220°, Manual Tilt: 10˚<br>Bottom Lens: Pan: 324°, Tilt: 90˚ |
| **Minimum Illumination** | 0.01 Lux @ (F1.2, AGC ON ), 0 Lux with IR （* data is obtained from EZVIZ laboratories） |
| **Day & Night** | IR-cut filter with auto switch |
| **DNR** | 3D DNR |
| **Black & White Night Vision** | 20 m |
| **Video & Audio** | |
| **Max. Resolution** | 2560 × 1440 |
| **Frame Rate** | Max：15fps; Self-Adaptive during network transmission |
| **Video Compression** | H.265 / H.264 |
| **Video Bit Rate** | Quad HD; HD; Standard. Adaptive Bit Rate |
| **Audio Bit Rate** | Self-Adaptive |
| **Max. Bitrate** | 2 Mbps （Total） |
| **Network** | |
| **Bluetooth** | Supports |
| **Wi-Fi Standard** | IEEE802.11b, 802.11g, 802.11n , 802.11ax |
| **Frequency Range** | 2.4 GHz ~ 2.4835 GHz |
| **Channel Bandwidth** | Support 20MHz |
| **Security** | WPA-PSK/WPA2-PSK, WPA3-Personal |
| **Transmission Rate** | 11b: 11Mbps,11g :54Mbps,11n :72Mbps, 11ax:114Mbps |
| **Wi-Fi Pairing** | AP pairing |
| **Minimum Network Requirement** | 4Mbps |
| **Function** | |
| **Smart Alarm** | AI-Powered Human / Vehicle Shape Detection |
| **Auto Tracking** | Supports |
| **Customized Alert Area** | Supports |
| **Two-way Talk** | Supports |
| **General Function** | Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark |
| **Storage** | |
| **Local Storage** | Supports microSD card (max. 512 GB) |
| **Cloud Storage** | EZVIZ Cloud Storage |
| **General** | |
| **Operating Conditions** | -20°C to 50°C (-4°F to 122 °F ), Humidity 95% or less (non-condensing) |
| **Battery Capacity** | 10400 mAh |
| **IP Grade** | IP65 |
| **Power Supply** | DC 5V/2A （Adapter needs to be purchased separately) |
| **Power Consumption** | MAX. 10W |
| **Dimensions** | 135 × 136.5 × 229.5 mm |
| **Packaging Dimensions** | |
| **Weight** | |