

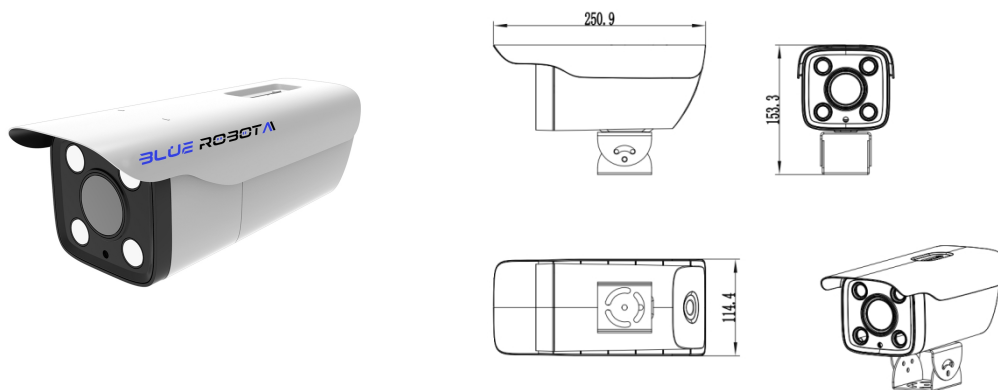
Entrance & Exit Lane Sensing Camera SV-PR-H1A-EX

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Product Overview

The Entrance & Exit Lane Sensing Camera is an ultra-high-definition intelligent perception hardware product developed for the field of intelligent perception at urban enclosed parking lot entrances and exits, based on deep learning AI video image recognition technology. It is applicable to lane entrance and exit scenarios of enclosed parking lots.

Product Appearance



Functional Features

- Built-in high-performance AI computing module, supports various complex scenarios, 24/7 all-weather real-time management
- Supports 8MP resolution, 1/1.8-inch starlight low-light CMOS image sensor
- Integrated intelligent LED fill light, remotely controllable based on ambient environment
- Vehicle license plate recognition and vehicle entry/exit counting at parking lot entrances/exits;
- Supports standalone or IoT remote management, provides SDK protocol for device data integration;
- Supports remote device software upgrade and parameter configuration
- IP67 ingress protection rating.

BLUE ROBOT AI

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Technical Parameters

Parameter Name	Parameter Value
Camera Parameters	
Pixel	8 mega pixels
Sensor	1/1.8" Starlight CMOS
Minimum Illumination	Color: 0.001 lx (AGC ON) B/W: 0.0001 lx (AGC ON)
Protocol	Supports ONVIF protocol, supports GB/T28181
Video Compression Standard	H.264, H.265 video encoding, supports dual-stream, AVI format;
Video Bitrate	256 Kbps~16Mbps
Video Frame Rate	1~30fps
Shutter Speed	Auto/Manual 1/25~1/1000S
Lens Mount	CS
Noise Reduction	2D/3D Digital Noise Reduction
Wide Dynamic Range	Digital WDR
Maximum Image Resolution	3840*2160
Image Output	Main Stream: 3840×2160@30fps (configurable) Sub Stream: 1920×1080@30fps (configurable)
Function Settings	Supports web configuration ● Image adjustment (brightness, contrast, saturation, hue, sharpness); ● Exposure (white balance, backlight compensation, image enhancement, day/night mode); ● Video (encoding, resolution, frame rate, bitrate control type, image quality, I-frame interval); ● Image (encoding, resolution, image quality); ● Network (network settings, port, protocol); ● Storage (recording, snapshot, schedule management); ● System (general settings, output mode, user management, configuration management, upgrade management, auto maintenance), etc.
Image Capture Method	Supports HTTP image capture with different image quality levels and bitrates
Lens Parameters	
Focal Length	Focal Length 4.4-10mm
Zoom	Motorized
Magnification	Motorized
Basic Parameters	
Power Interface	DC5521
Network Interface	RJ45
Voltage	DC12V±5%
Power Consumption	<8W;
Weight	≈1.5KG
Dimensions (with Bracket)	≈251*153*114 (mm)
Operating Temperature	-30°C-70°C
Ingress Protection Rating	IP67

Application Scenarios

Enclosed parking lot entrances and exits

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