huperEyes S800 Series

3D Smart Stereo Camera / Sensor

huperEyes 3D HE-S800 series are dual-lens smart cameras / sensors which combine Stereo Vision and Artificial Intelligent technologies to provide innovative 3D Video Analytics feasible for a variety of lighting conditions and field environments.

Key Features

- Waterproof body & accessories
- Anti-flare lens (2.8/3.6/6 mm)
- Outdoor & Indoor, Day & Night
- Alarm sound & 2-way voice
- A wide selection of innovative 3D Video Analytics
- Quick web setup at PC and iOS/Android phones/tablets
- Push event notification to smart phones, sound alarms
- Flexible & scalable deployment
- SDK-available for 3rd party system integration

Advantage of 3D Technology

- Up to 98%+ accuracy
- Resistant to light changes and shadows
- High tolerance to critical weather conditions, such as rain, snow, and wind
- Easy to cascade 3D stereo cameras for large area detection

3D Video Analytics

For Security & Surveillance

- 3D Virtual Fence
- 3D Tailgating Detection
- 3D Fall / Stop Detection
- 3D Secure Zone
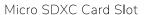- 3D Air-lock Room
- 3D Loitering Detection

For Transportation

- 3D Vehicle Counter
- 3D Bus People Counter
- 3D Mobile Detection

For Retail Management

- 3D People Counter
- 3D Area Counter
- 3D Queue Length Management
- Capacity Management

Specifications

Micro SDXC Card Slot

Heat Sink Fin   Micro USB Slot

Product Model	HE-S800	HE-S804
Max. Mounting Height	4.4 m*	6.5 m*
Max. Depth Distance	Up to 4.4 m*	Up to 6.5 m*
Installation Angle	45 - 90 degrees*	
Image Sensor	1 / 3" Sony CCD	
Pixel	~410K	
Resolution	520 TVL	
Memory	DDR3L 2GB (on board)	
CPU	Intel® Atom™ Processor	
Storage	eMMC 32GB (on board)	
LAN	Gigabit LAN x 1	
Two-way Voice	Built-in MIC / Speaker	
Operation System	MS Windows IoT Enterprise Entry	
External I / O	Micro-HDMI slot x 1 / Micro USB 2.0 x 1 / USB 2.0 x 1 Audio combo Jack x 1 / Micro-SDXC card slot x 1 (support up to 2TB) / Cables for LAN Port, USB Port and GPIO	
Operating Temperature	0° - 45°C	
Storage Temperature	-20° - +70°C	
Operating Humidity	10% - 90% (relative, non-condensing)	
Power Input	DC12V 3A DC-in	
Weight	900g	
Dimension	230 (W) x 75 (H) x 70 (D) mm	

Note
1. *The numbers will vary based on the camera models and applications.
2. huperEyes 3D Smart supports Wi-Fi/3G/4G connectivity with an additional USB dongle.
3. Product specifications and product pictures are subject to change without prior notice.

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