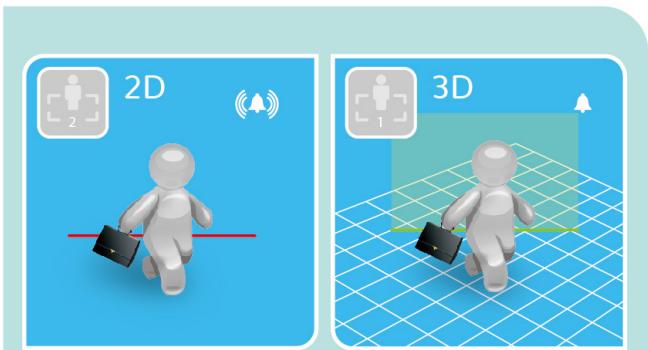




huperEyes 3D Smart

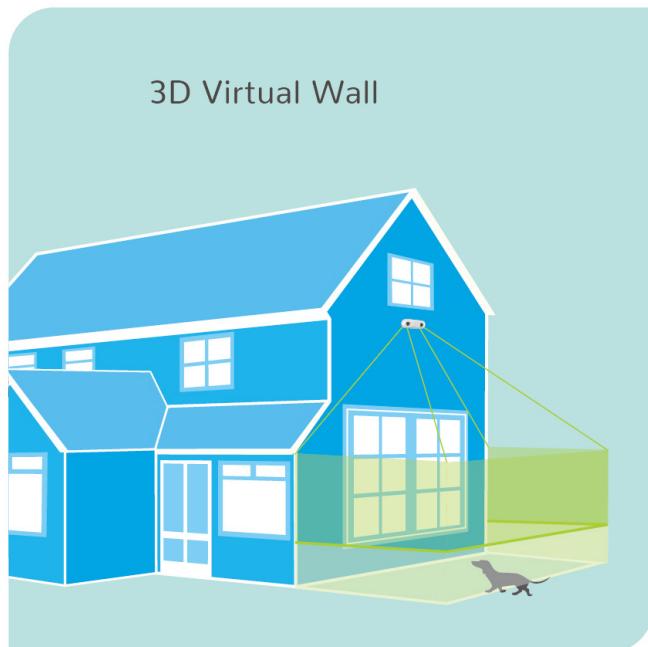
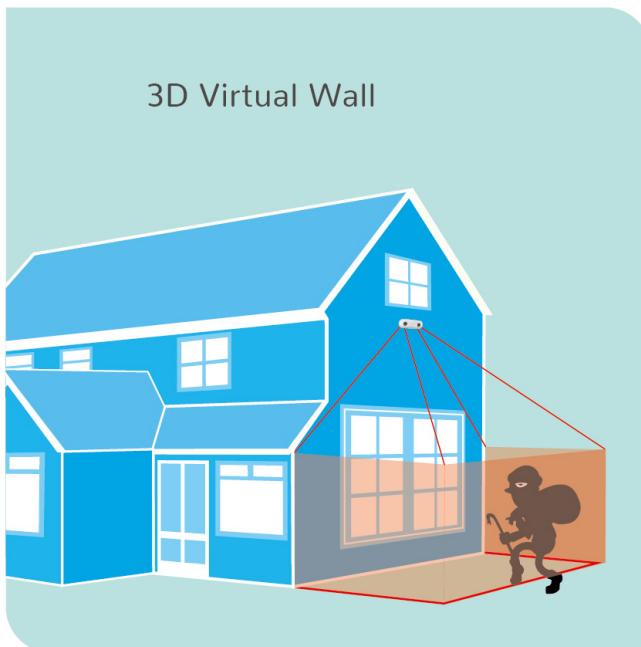
Intelligent 3D Stereo Vision

— Detect by 3D Stereo Vision to Avoid False Alarms



Unlike 2D vision detection working in a flat surface, the 3D stereo vision detects moving objects in depth that can better distinguish them from the background for higher accuracy.

— Adjustable Height Range and Pass-through/Touch Mode Support



— Applicable Markets

- Retail Management
- Factory/Warehouse Security
- Public Facility
- Transportation
- Smart Home/Building Surveillance
- Construction
- Entertainment Venues

Key Features

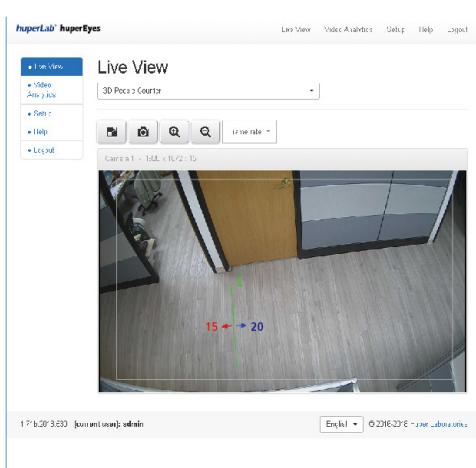
- Up to 98%+ High Accuracy in 3D Stereo Vision
 - Bi-directional detect 3D moving objects in depth
 - Better distinguish the moving objects from the background in density area
 - Able to handle U-turns and designate flow directions
- High Tolerance to Critical Weather Conditions*
 - Reduce false alarms in rainy, snowy and windy days



- Ideal for Dynamic Indoor/Outdoor Environment Use*
 - Free from affecting by sunlight and shadow changes, car lights, auto doors, bouncing balls, swaying reflections and surroundings
 - Water-proof camera body and accessories, anti-collision steel chassis, and anti-flare lens design
 - Ideal to use at daytime and nighttime

*Note: It requires extra IR LED projectors at night

- Ease of Installation and Maintenance
 - Quick operation with web setting on smart phones and tablets
 - Self-own 3D stereo depth perception technology to fulfill sophisticated applications
 - Save service costs



- Better Operation & Configuration
 - RTSP Video Stream Support for NVR to Record Video Data
 - Support polygonal counting detection lines to fulfill different entrance/surrounding cases
- Real-time Alerts and Alarm Warning on Mobile Devices
 - Instant Push Event Notification to iOS/Android Smartphones and Tablets
 - Play Alarm Sound by Smart Cam APP
 - Two-way Voice Communication
- Analysis Data Retrieval and Business Reporting
 - huperReporter allows to generate detection analysis reports by date, time and height filtering, and display analysis data from multiple smart cameras
 - Web-based chart display for video analytics data analysis



3D Video Analytics Features Available

Retail & Access Control

- 3D People Counter
- 3D Tailgating Detection
- 3D Area Counter
- 3D Loitering Detection

Factory & Manufactory

- 3D Virtual Fence
- 3D Fall Detection
- 3D Stop Detection
- 3D Secure Zone

Transportation

- 3D Vehicle Counter



3D People Counter



3D Virtual Fence



3D Area Counter



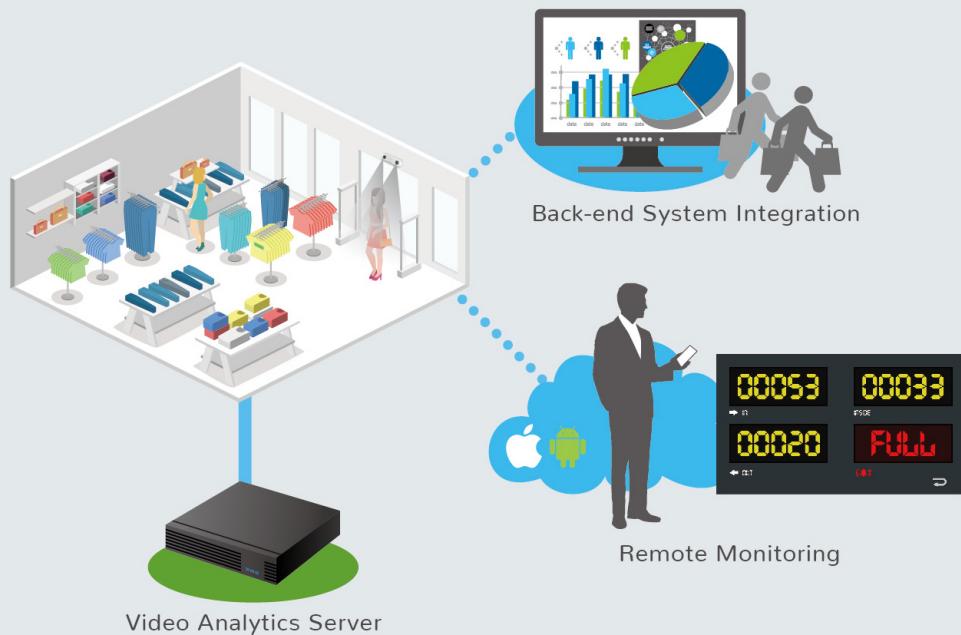
3D Fall Detection



3D Tailgating Detection

■ SDK Available for Integration

- C++/OCX SDK for application systems on Windows
- CGI Commands for application systems on all OS platforms
- Compliant RTSP video/audio streams
- Supported functions: video analytics database retrieving, analysis chart web customization, video/audio streams of live video and video recordings, event notifications, and system settings



All-in-one 3D Stereo Camera

huperEyes 3D Smart



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 plug-in-connect USB dongle.
- ③ Product specifications and product pictures are subject to change without prior notice.

Product Model	HE-S800
Max. Mounting Height	5 m*
Max. Depth Distance	Up 5 m*
Installation Angle	45-90 degrees*
Image Sensor	1/3" Sony CCD
Pixel	~410K
Resolution	520TVL
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	Win 10 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 and GPIO
Operating Temperature	0°~45° C
Storage Temperature	-20°C ~ +70° C
Operating Humidity	10%-90% (relative, non-condensing)
Dimension	230(W) x 75(H) x 70(L) mm
Weight	1000g
Power Input	DC12V 3A DC-in



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