huperLab®

People Counting in Stereo Vision
for Indoor/Outdoor Use

huperLab 3D People Counter

huperLab 3D People Counter uses stereo vision technology – with exclusive dual-lens stereo camera to deliver high accuracy, real-time counting metrics and customer service metrics. The water-proof design 3D stereo camera based on 3D Video Analytics algorithm enables higher tolerance to light and shadows change, the overlapped moving objects, raining and snowing for high accuracy better than infrared detection technology. It's ideal to apply for various applications both in indoor and outdoor places and easy to integrate with back-end analysis system.

- Easy to Use & Setup
- Dual-lens 3D Camera with Stereo Vision
- Real-time Analysis and Sales Services Improvement
- Easy Integration & Configuration
- High Environmental Tolerance to Light and Shadow Changes, overlapped moving objects, raining and snowing

huperReporter

huperReporter is an easy-to-use data analyzer that generates traffic reports for huperLab counting products on a daily, weekly and monthly basis.

People Counting & Conversion in Retails

Passenger Counting in Public Transportation

Visitor Traffic & Marketing Effectiveness in Amusement Parks

Hardware Specifications

■ huperEyes 3D Stereo Camera

Product Models	HAO-001N-28S	HAO-001N--36S	HAO-001N-60S
Installation Height	2.4 m - 3.5 m		
Detection Distance	3m × 4m		
Installation Angle	45 - 90 degree		
IImage Sensor	1/3" Sony CCD		
Pixel	~410K		
Resolution	520TVL		
Minimum Illumination	0.08Lux/ F1.2/ IR ON 0Lux		
Video Output	1.0Vp-p,75Ω Composite		
Audio	Built-in MIC/ Speaker		
S/N Ratio	>52db (AGC off)		
Gamma Correction	0.45		
Electronic Shutter	Auto (1/50 (60) ~ 1/100,000sec.)		
White Balance	ATW,3200° ~ 10000°K		
Lens	2.8mm/ f3.6mm/ 6mm*		
Operating Temperature	-10° ~ 50°C		
Operating Humidity	RH85%		
LED	8 sets (IR 850 nm)		
Dimension	230(W) × 75(H) × 50(L) mm		
Weight	700g		
Supply Voltage Range	DC 12V,10W/1.5A		

■ 3D People Counter System

Product Name	GH4008-SE802
CPU	Intel® Core™ i3-3220 (3M Cache, 3.30 GHz)
Mother Board	ETOP ITX-E24 (PCIe x 1)
Channels / Connection of 3D Cameras	8 Channels / 4 Sets of 3D Cameras
HDD	2.5" SATA 500GB HDD
Maximum Storage Capacity	2.5" SATA HDD x2 (Optional)
Front LED	Power LED x1
System RAM	8GB DDR2 RAM
Real Panel Ports	COM1 x1, HDMI x1, VGA x1, LAN x1, USB3.0 x2, AV RJ45 x4, DO x8, Line Out x1, MIC x1, AC Power Plugin x1
Voltage	AC 100~240V
Power Consumption	90W
Dimension	315(W) x 75(H) x 255(D) mm

Note: *The focus lens will be varied by request.
**Product specifications and product pictures are subject to change without prior notice.