VIVOTEK

S series
SC8131
Stereo Network Camera

People Counting · 3D Depth Technology · High Accuracy · Bi-Directional

VIVOTEK's SC8131 is a stereo counting camera, armed with VIVOTEK's 3D Depth Technology and video surveillance functionality, providing 2-Megapixel real-time precise tracking video and high accuracy counting up to 98%. The stereo camera generates data information such as people counting, flow path tracking that applied to in store layout improvement, promotional evaluation, staff planning, and the control of service times, providing business owners key metrics to effectively make operating decisions and increase ROI.
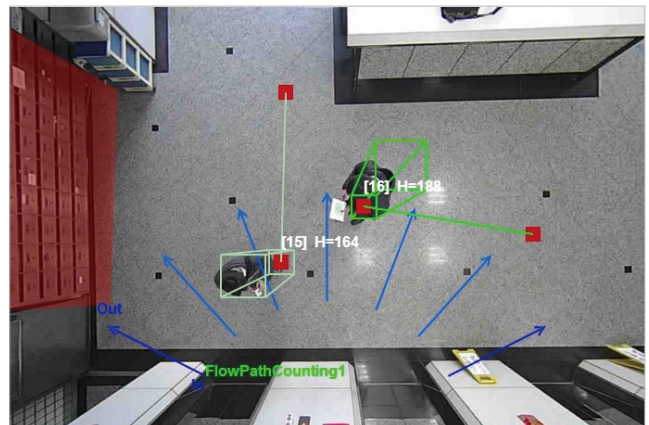
Mounted over a store entrance, the dual-lens camera enables the stereo vision to accurately track the 3D positions of objects moving across the field of view. Adults or children, single individuals or groups, can be distinguished from non-human objects such as shopping carts and strollers, providing accurate counting analytics even at the busiest and most congested times.

Furthermore, seamless integration with VCA (video content analysis) reports in VIVOTEK's VAST, the metadata is displayed in comprehensive graphs and line charts, making the SC8131 ideal for retail analytics. The computation of height disparity data is embedded in the stereo camera, instead of sending video streams to a dedicated computer running a separate analytics software. The counting solution saves bandwidth and reduces the risk of data loss in the event of network or power disruption.
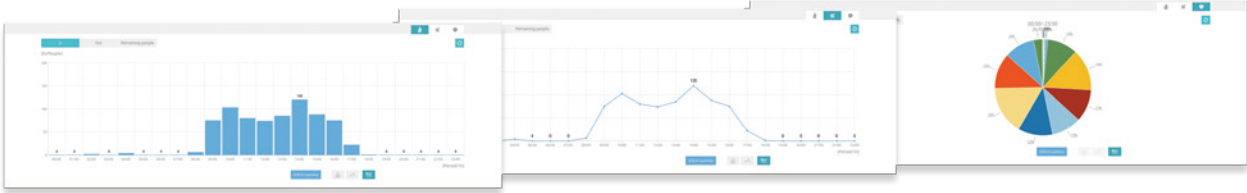
Features

· VIVOTEK's 3D Depth Technology
· High Accuracy Rate up to 98%
· Local Storage Data for Counting Report
· Easy Installation and Configuration
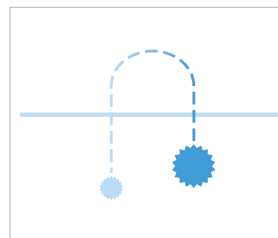· Seamless Counting with VAST CMS

Benefits

Precision

· VIVOTEK's 3D Depth Technology
· Up to 98% counting accuracy rate
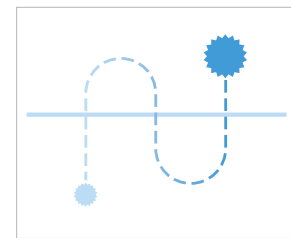· Real-time data (system/counting/daily reports; time/region reports)

Efficiency

· Object tracking path
· Filter carts, children and strollers
· Bi-directional counting on definable flow
· Detection of U-turns to avoid double counting
· Not Influenced by shadows, reflections or glare conditions

Counting: 0   Counting: 1

Video Security

· Video surveillance (viewing and recording)
· Multiple video streaming
· Remote management
· Seamless integration with VAST CMS

Easy Installation

· Discreet ceiling mount
· Compatible with 4"x2" electrical box

Technical Specifications

Model	SC8131
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	256 MB
RAM	512 MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Maximum Frame Rate	15 fps @ 2560x960
On-board Storage	MicroSD/SDHC/SDXC card slot
Video	
Compression	H.264 & MJPEG
Maximum Streams	3 simultaneous streams
Report Format	JSON/XML/CSV
General	
Connectors	RJ-45 for Network/PoE connection DI/DO USB 2.0 (Only as a power bank, not for data transmission) MicroSD Slot
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 3
Power Consumption	PoE: Max.12.95W USB: Max. 300mA

Dimensions	160 (D) x 70 (W) x 38 (H) mm
Weight	396 g
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: 0˚C ~ 40˚C (32˚F ~ 104˚F) Working Temperature: -10˚C ~ 40˚C (14˚F ~ 104˚F)
Warranty	36 months
Installation	
Installation Height	240 ~ 360 cm (7.9 ~ 11.8')
Included Accessories	
Others	Quick installation guide, mounting bracket, screw pack
Dimensions	

38 mm   160 mm   70 mm

VIVOTEK INC.