



# **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.

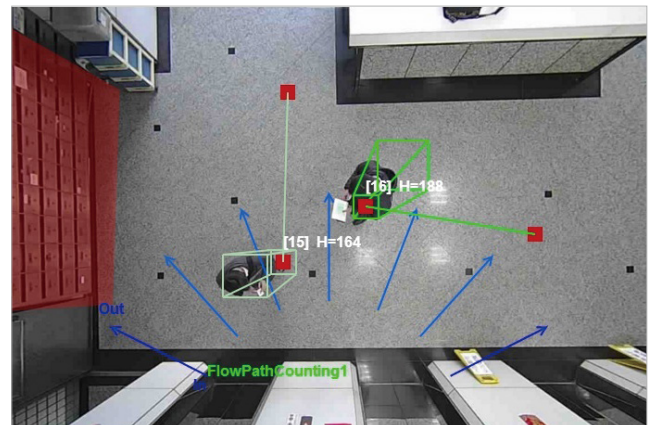
Mounted over a store entrance, the dual-lens camera enables the stereo vision to accurately track the 3D positions of objects moving across the field of view. Adults or children, single

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

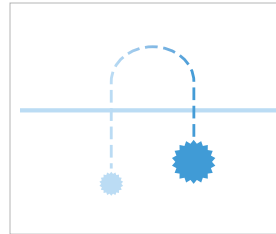
### Precision

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

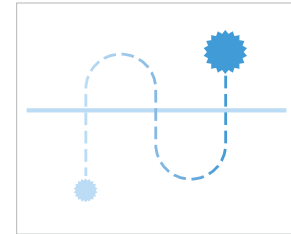


### Efficiency

- 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, glare or low light conditions



No double counting



Counting: 1

### Video Security

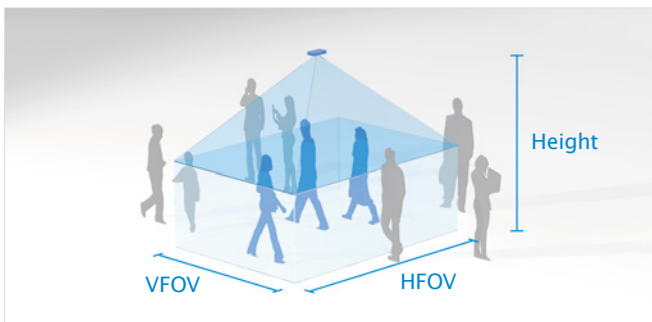
- Video surveillance (viewing and recording)
- Multiple video streaming
- Remote management
- Seamless integration with VAST CMS

### Easy Installation

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

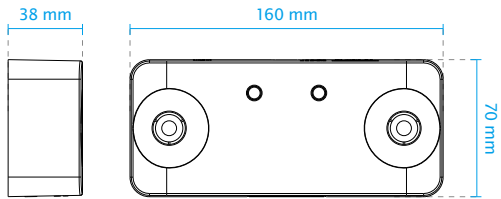
## Recommended Installation Height

- Installation Height: 240 cm ~ 360 cm (7.9' ~ 11.8')



Camera Installation Height (cm)	HFOV (cm)	VFOV (cm)
240	234	167
260	281	201
280	327	234
300	374	268
320	421	302
340	468	335
360	515	369

## Technical Specifications

Model	SC8131	Dimensions	160 (D) x 70 (W) x 38 (H) mm
<b>System Information</b>		Weight	396 g
CPU	Multimedia SoC (System-on-Chip)	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Flash	256 MB	Operating Temperature	Starting Temperature: 0°C ~ 40°C (32°F ~ 104°F) Working Temperature: -10°C ~ 40°C (14°F ~ 104°F)
RAM	512 MB	Warranty	36 months
<b>Camera Features</b>		<b>Included Accessories</b>	
Image Sensor	1/3" Progressive CMOS	Others	Quick installation guide, mounting bracket, screw pack
Maximum Frame Rate	15 fps @ 2560x960	<b>Dimensions</b>	
On-board Storage	MicroSD/SDHC/SDXC card slot		
<b>Video</b>			
Compression	H.264 & MJPEG		
Maximum Streams	3 simultaneous streams		
Meta Data Format	JSON.		
<b>General</b>			
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		