

Datasheet #89092801



VIVOTEK's LOYSC8131 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.

The camera integrates seamlessly with LWEB-900 by mapping the people counting information to data points. The data points can be trended and displayed in LWEB-900 reports or in graphical views. Furthermore, the people count can be used to optimize the control algorithms of the building management system.

### Features

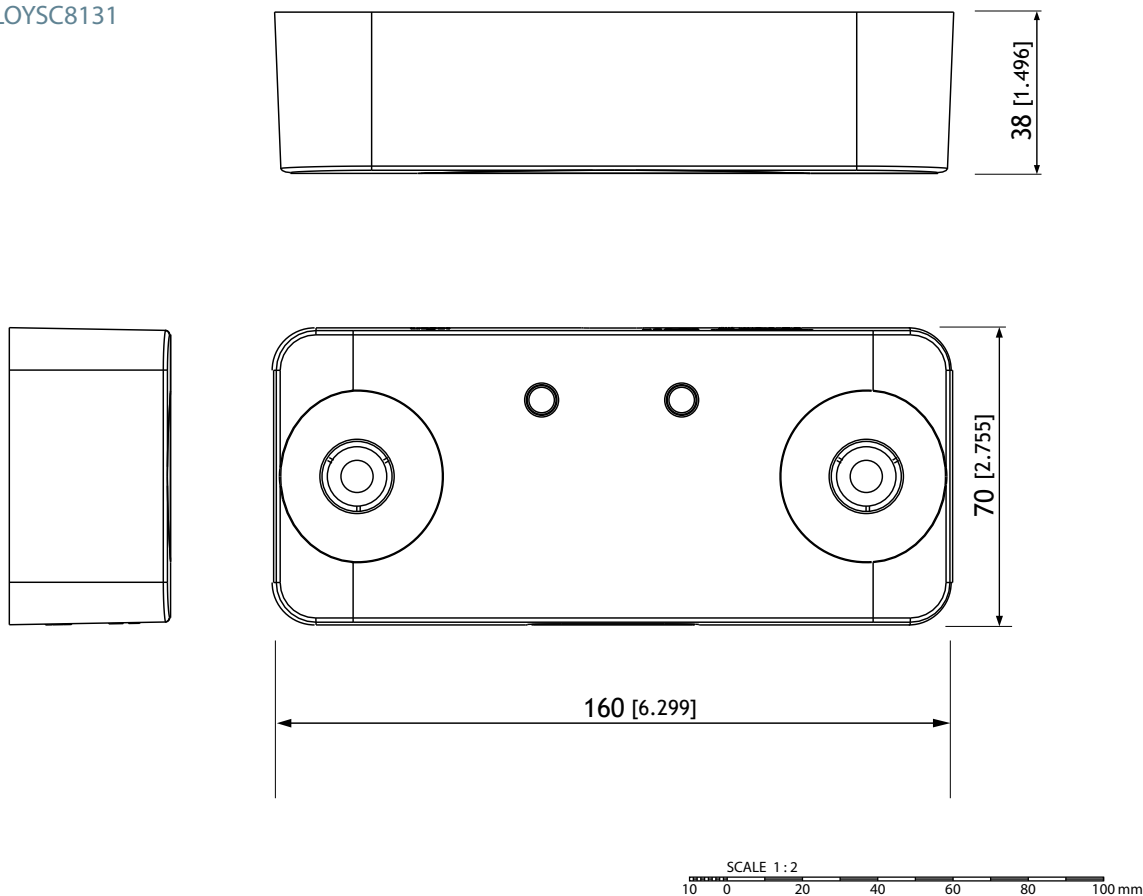
- VIVOTEK's 3D Depth Technology
- High Accuracy Rate up to 98%
- Local Storage Data for Counting Report
- Easy Installation and Configuration
- Integration with LWEB-900
- Seamless Counting with VAST CMS
- Video surveillance (viewing and recording)
- Not influenced by shadows, reflections or glare conditions

### Specifications

Type	LOYSC8131
Dimensions (mm)	160 x 70 x 38, (D x W x H), DIM009
Operating Temperature	Starting Temperature: 0°C - 40°C, Working Temperature: -10°C - 40°C
Installation height	240-500 cm
CPU	Multimedia SoC (System-on-Chip)
Flash / RAM	256 MB / 512 MB
Image Sensor	1/3" Progressive CMOS
Maximum Frame Rate	15 fps @ 2560x960
Compression	H.264 & MJPEG
Maximum Streams	3 simultaneous streams
Report Format	JSON/XML/CSV
Connectors	RJ-45 for Network/PoE connection, DI/DO USB 2.0 (Only as a power bank, not for data transmission) MicroSD/SDHC/SDXC card slot
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 3
Power Consumption	PoE: Max.12.95 W, USB: Max. 300 mA
Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7-43 (streaming only), Internet Explorer 9/10/11
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Order number	Product description
LOYSC8131	Stereo Counting Network Camera, People Counter

## Dimensions of the devices in mm and [inch]

DIM009 LOYSC8131



The products of LOYTEC electronics GmbH are subject to constant development. Therefore, LOYTEC reserves the right to modify technical specifications at any time without prior notice. The most recent datasheet can be downloaded from [www.loytec.com](http://www.loytec.com).