



# Gunnebo OccuSense

3D depth people counter, connected device for OccuLinq app enabling social distancing and occupancy management



# OccuSense People Counter

**OccuSense** operates via a stereo counting camera providing 2-Megapixel **real-time** precise tracking data and a high accuracy rate up to 98%. The stereo camera generates data **anonymously**, such as people counting and flow path tracking, that enables social distancing and occupancy management of your premises.

## OccuSense Dual Lens People Counting Camera

Mounted over a store entrance or exit, 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.

## OccuLinq People Counter App

Gunnebo's **OccuLinq** app provides complete occupancy management and monitoring with full visibility of your store's customer count in real-time. Available for all mobile devices supporting iOS and Android operating systems.



Designed for seamless integration with other solutions in the **OccuSense** product family, the app can be used to communicate with cameras, digital signage displays or access control functions within entrance gates.

Control your occupancy levels for your entire premises, or specific zones within it, while providing your customers with visual feedback and/or physical access control based on the safe occupancy limits you have implemented to comply with social distancing recommendations.

## People Counting and Social Distancing

Social distancing has now become a standard public health intervention around the world. Retail businesses and particularly supermarkets are among the few of places that have remained open during the pandemic and lockdown as they are deemed essential, but accordingly have introduced their own policies to keep customers at an appropriate distance.



A people-counting solution is the ideal video analytics tool for supermarkets and retail stores. It easily measures and monitors occupancy levels in **real-time** by **anonymously** tracking the number of people entering and exiting a store, providing customers and staff with a safer environment.

# Technical Specifications

## Features

- Real-time, anonymous video analysis - **no recording or images are stored**, protecting your customers privacy.
- 3D depth technology
- High accuracy rate up to 98%
- Local storage data for counting report
- Easy installation and configuration
- Discreet ceiling mount

## Efficiency

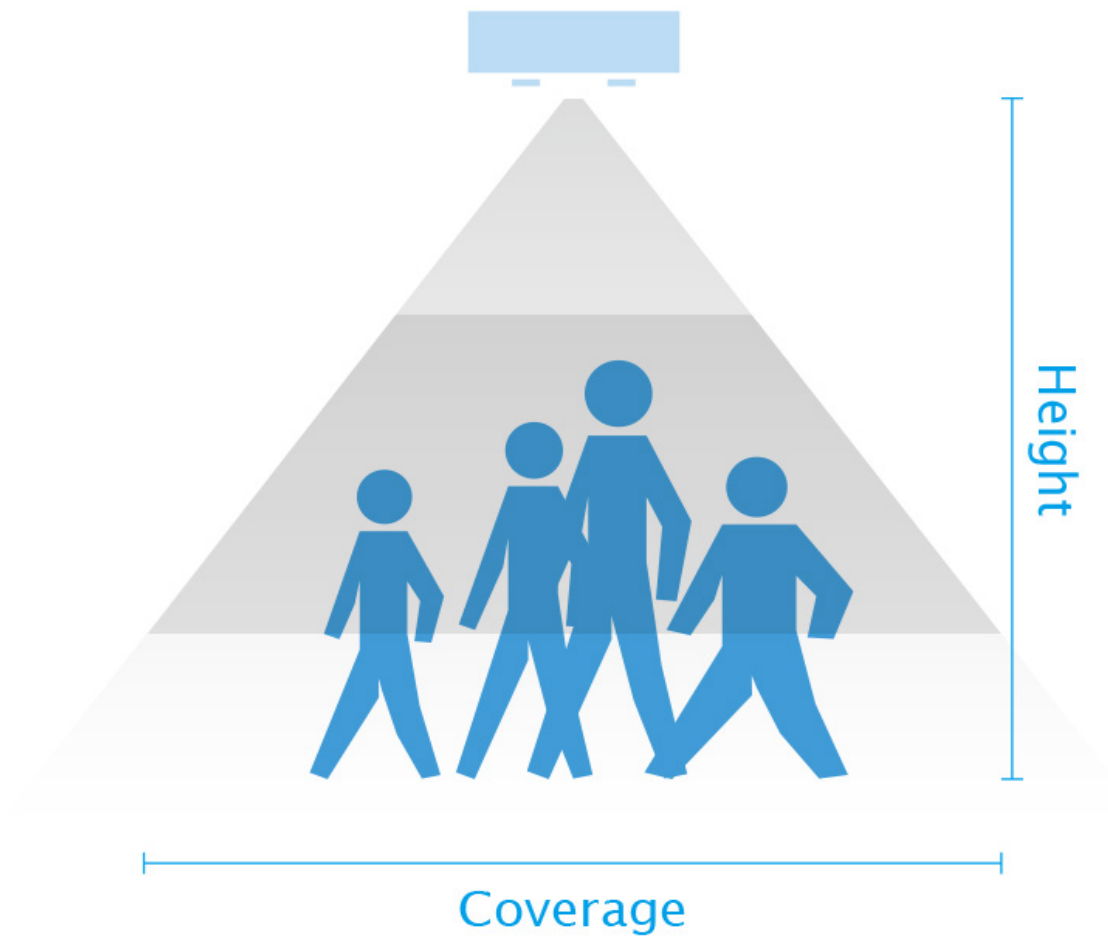
- Object tracking path
- Filter carts, children and strollers
- Bi-directional counting on definable flow
- Detection of U-turns to avoid double counting
- Unaffected by shadows, reflections or glare conditions

## Technical Data

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	30 fps @ 1280x960
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	M12 8pin Connector for Network/ PoE connection DC 7.5V-48V DIDO x1 RS485x2 MicroSD Slot
LED Indicators	System power and status
Power	Input IEEE 802.3af PoE Class 3
Power Consumption	PoE: Max.12.95W USB: Max. 300mA
Dimensions	160 (D) x 79 (W) x 31 (H) mm
Weight	396 g

## Recommended Installation Height

- Installation Height: 1.9m - 2.4m
- Coverage Area: 1.1m - 2.3m



Installation Height	Coverage Area
1.9m	1.1m
2.0m	1.4m
2.1m	1.6m
2.2m	1.8m
2.3m	2.1m
2.4m	2.3m

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