

# Maximize Workplace Safety With Our AI-Powered Real-Time People Counting Solution.



Trusted by Professionals Since 1989

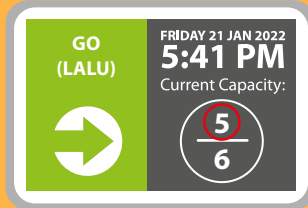
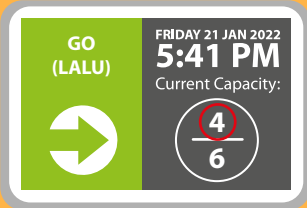


## ELIDEye Crowd Management System

EV0100PC1 is a people counting device based on AI-powered video analytics. It deploys state-of-the-art deep learning algorithms to accurately detect and track people in the video stream acquired using its built-in camera. By doing so, it can reliably determine the number of people entering and exiting a room. Its purpose is to control the allowed occupancy within a specific area and therefore, it is the ideal solution for companies that need to comply with COVID-19 SOP.

we make YOUR world secure 🔑

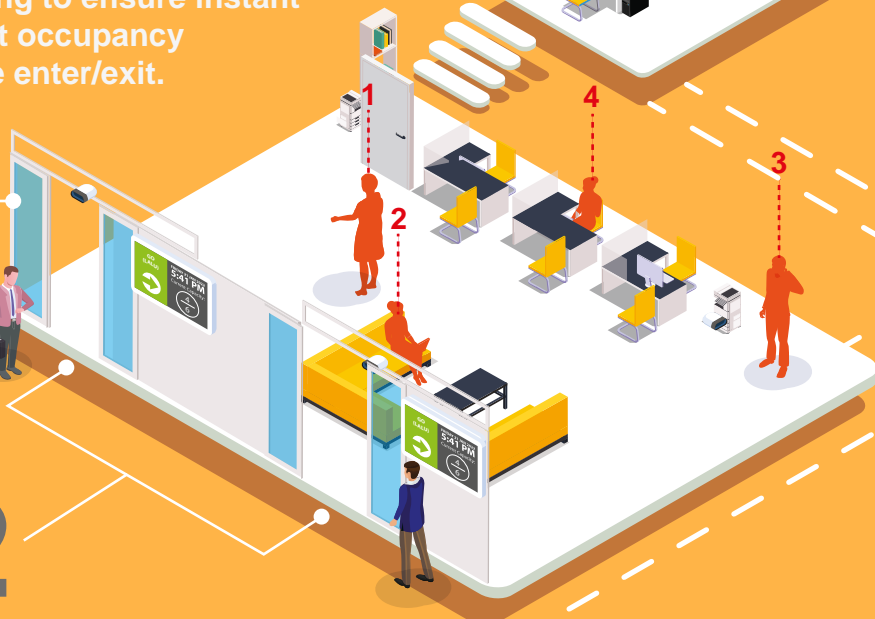
# Features & Benefits



**1** Real-time counting to ensure instant update of current occupancy whenever people enter/exit.



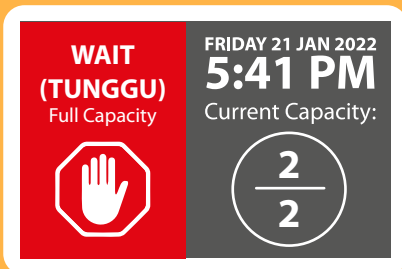
Multiple entrance & exit points. **2**



Control allowed occupancy to comply with COVID-19 SOP. **4**



**5** Trigger alert when the limit is reached.



Display unit for showing miscellaneous statistics (number of current occupancy, limit reached, date, time and etc.)

# Application Scenarios



Factories, plants & other industrial sites



Office buildings & government organizations



Malls, grocery stores & supermarkets



Retail outlets, F&B



Banks

## Modes of Operation:

### Standard

Trigger alarm and record if people enter after limit is reached.



### Integration with Access Control

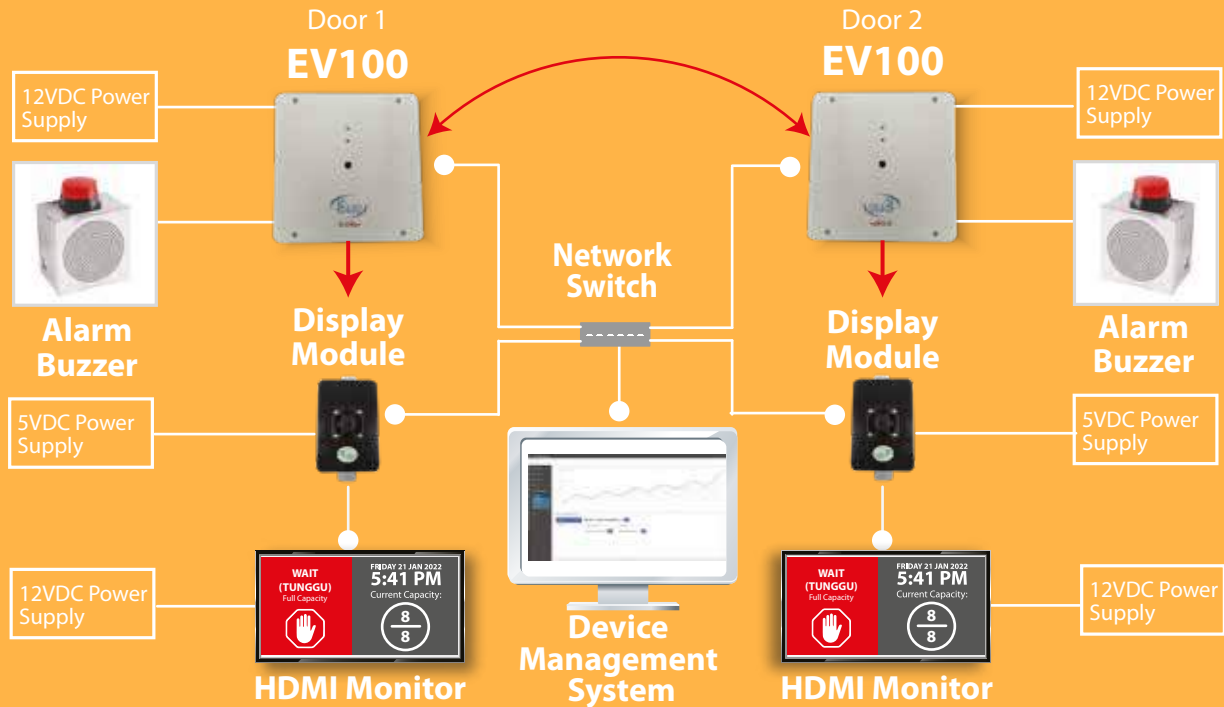
Deny entrance once limit is reached.



# Specification

Model No.	EV-100-PC	Reset Button	Included
System Casing	168mm x 170mm x 50mm	Number of Relay Outputs	4
Processors	Quad-core Cortex A-72 @1.5 GHZ + Dedicated AI Accelerator	Number of Inputs	4
Memory	2GB RAM, 32GB ROM	Camera	Built-in Sony IMX219 8-megapixel sensor
Device Operating System	Linux	Recommended environment	Indoors (outdoor function may be sub-optimal)
User Operating System	Windows ONLY (minimum Windows 7)	Installation height	At least 8 feet. Optimal height – 9 feet and above
Supported Language	English	People-counting algorithm	Deep neural nets
User Interface	Web Browser or ELID Device Management System (DMS)	Counting speed	0-2 seconds
Browser Compatibility	Google Chrome (recommended), Mozilla Firefox	Alarm trigger when limit exceeded	YES.
Maintenance	Firmware upgrade through web interface or DMS	Evidential records	Up to 200,000 images of offences (people entering after limit reached) can be stored
Power Supply	13.5V / 4.4A DC	Display of person count information	YES. All information is relayed to EA30V display module over TCP/IP. EA30V comes with HDMI Output. Monitor not included
Operating Temperature	-10°C - 60°C (14°F - 140°F)	Support multiple entrance/exit points	YES. EV-100-PC units can intercommunicate via TCP/IP to correctly count the number of persons in an area where people can enter/exit through multiple points/doors
Cooling Fan	Included		
Ethernet	Gigabit Ethernet 10/100/1000		
Controller Compatibility	Can be integrated with any standard access controller		

## System Configuration



— Denotes TCP/IP based communication

## Ordering Information

EV0100PC1	ELIDeEye AI-powered People Counting System, c/w dedicated AI processor, embedded camera and I/O board in metal casing, TCP/IP supported (w/o PSU)
EA30V01	EA30V TCP/IP based HDMI display module for video analytics systems, c/w PSU and micro-HDMI to HDMI converter (w/o HDMI cable and HDMI monitor)
SFCAMP003	ELIDeEye IP Camera for Automated Count Correction



For more information: Check out the website at [www.elid.com](http://www.elid.com), or contact our dealers. ELID has a policy of continuous research and development, and reserves the right to change specifications without notice.

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