HIKVISION

DENSITY CONTROL BROCHURE

HALL

Maintain At Least 2m Social Distancing

People Inside

128

Available Capacity

22

HALL

Maintain At Least 2m Social Distancing

People Inside

128

Available Capacity

22

Flexible Deployment

Real Time Alert

High Accuracy
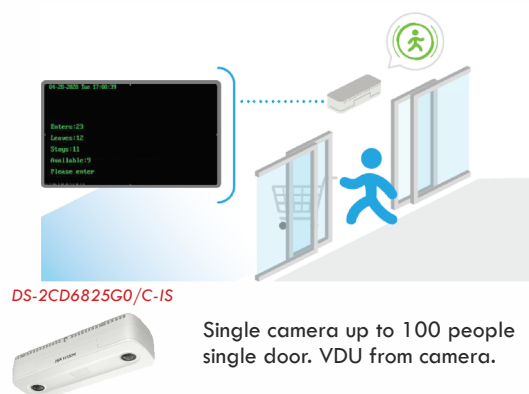
Real Time Display

What is Density control?

In the current climate of social distancing requirements Hikvision's density control solution allows you to monitor and control the amount of people allowed in an establishment at any given time making the internal environment more spacious and much safer for the people inside, the solution utilises existing IP based front and back end technology using a customised operating system which allows the counting information to be displayed on a friendly GUI from either the local monitor output or remotely using a PC or digital sign hardware. The technology has been implemented into several product lines allowing you to choose the most appropriate solution based on the amount of entrances/exits needing coverage from a single entrance up to a very large installation with many entrances/exits across several sites.

The Density control counting information is displayed on a friendly GUI allowing people waiting to easily see how many people are inside and also how many more can enter, the GUI also displays green (for go) with a customisable message when it is OK to enter and red (for stop) with a customisable message when the premises is full. For sites with multiple entrances using the I series NVR or Hik-Central solution it is possible to group your entrances together in to one single counting GUI which handles the traffic from all entrance/exits keeping the real time display up to date.

Single Door Camera Standalone

- Ideal for small shops
- Fast deployment and cost effective, only one camera and one monitor required
- Basic numeric data shows number of people in premises
- Real time alert and voice prompt from camera when threshold is reached

DS-2CD6825G0/C-IS

Single camera up to 100 people single door. VDU from camera.

Single Door with I Series NVR

- Ideal for retail shops with single entrance/exit
- User friendly and informative real time data screen displays maximum number accepted and current number inside store with green or red warning signs
- Ideal for placing near entrance, so customers can identify the display
- Fast deployment, only one camera, one NVR and one monitor required

*DS-2CD6825G0/C-IS*   *I Series NVR*

Multi-Door I Series NVR

- Ideal for multi entrance/exit market
- NVR calculates the total figure from all the cameras and displays intuitive real time data with warning symbols

DS-2CD6825G0/C-IS   *DS-2CD6825G0/C-IS*   *I Series NVR*
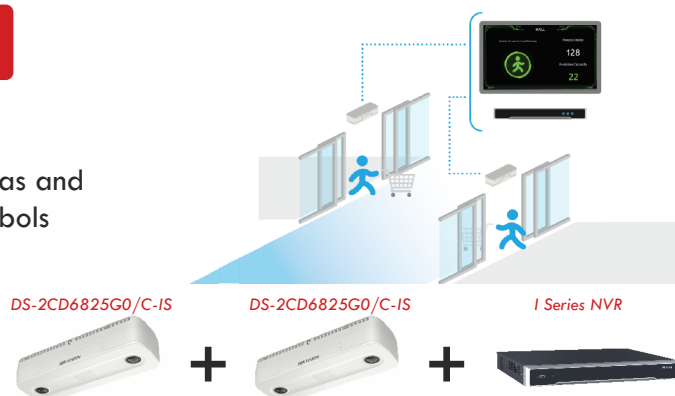
Multi-Door HikCentral

- Ideal for large sites with multiple entrances and exits like markets places, supermarkets, depots and distributions centres across multiple locations
- HikCentral software calculates the total figures from all the cameras and displays intuitive real time data with warning symbols
- Central management to view and review whole system via HikCentral software
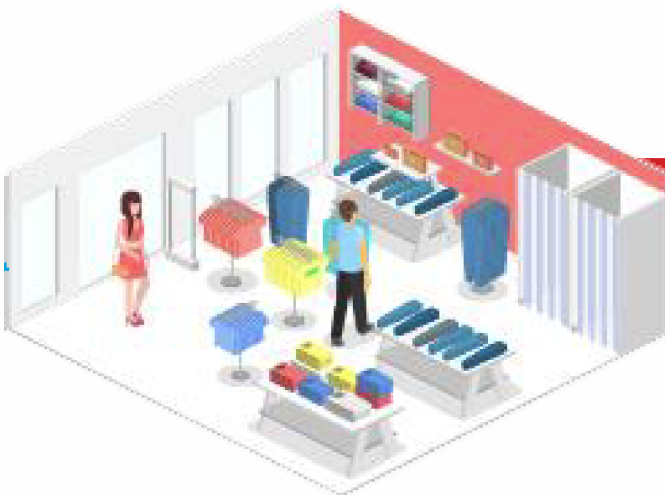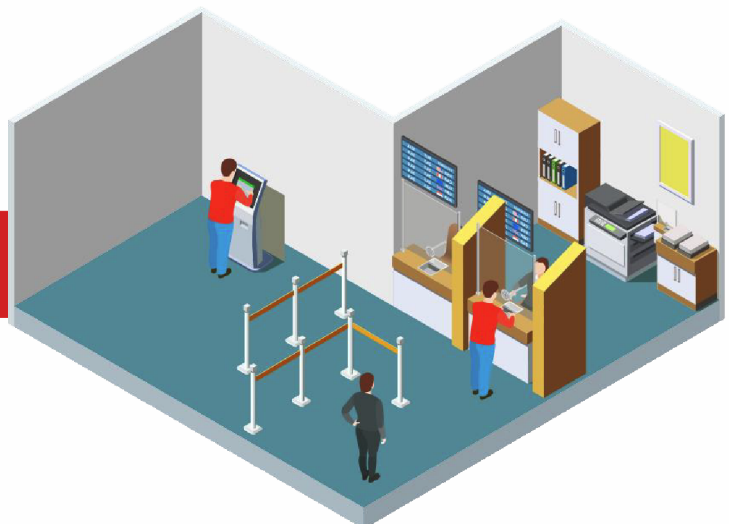- Business intelligence reports for further analysis

DS-2CD6825G0/C-IS   *DS-2CD6825G0/C-IS*   *DS-2CD6825G0/C-IS*

HikCentral
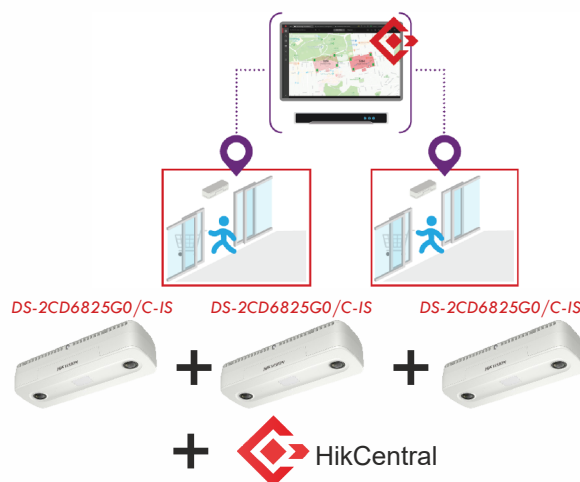
Post Office

Supermarket

Retail

Banks

People counting Camera 1

Network

FoC Sign information Release System

Network

OR

HDMI

DS-D60C-B Digital Signage box

Standard monitor

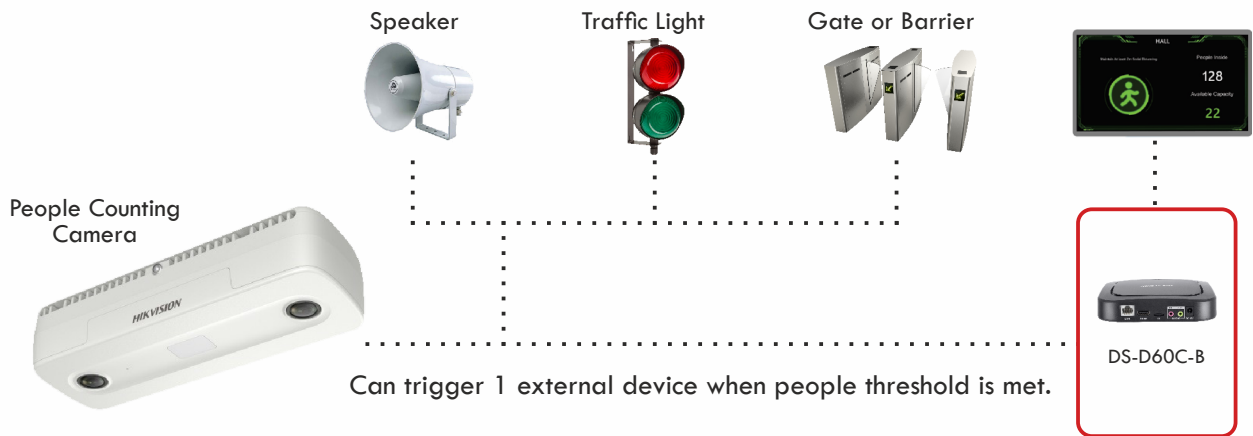DS-D6055FL-B/S

People counting Camera 2

Highlight

- Ideal for small shop Fast deployment and cost effective, only one camera, one monitor and one digital signage box required
- Play advertising pictures or videos in a loop.

Hikvision digital sign solutions are designed to display company advertising, messages or instructions in the form of stills or moving video but using a special operating system they have now been integrated to be able to display density control and temperature screening information on the screen at the same time.

The units are available as standalone digital signs or as a digital sign box (DS-D60C-B) which can convert a conventional monitor into a digital sign solution.

digital sign technology can be used to display important density control and temperature screening information alongside what could be a message or set of instructions or simply advertising a product, this flexibility makes the digital sign a powerful option when deploying density control and temperature screening solutions within a whole host of environments.

Speaker Traffic Light Gate or Barrier

People Counting Camera

DS-D60C-B

Can trigger 1 external device when people threshold is met.

Single Entrance/Exit Deployment up to 100 people counting threshold.

People Counting Camera

Camera Webpage
or
IVMS4200
or
NVR / DVR

Above Threshold

Below Threshold

Voice Prompt

Real-Time Alert

Speaker Traffic Light Gate or Barrier

People Counting Camera

I Series NVR

Can trigger upto 8 external devices (depending on I series NVR model) when people threshold is met.
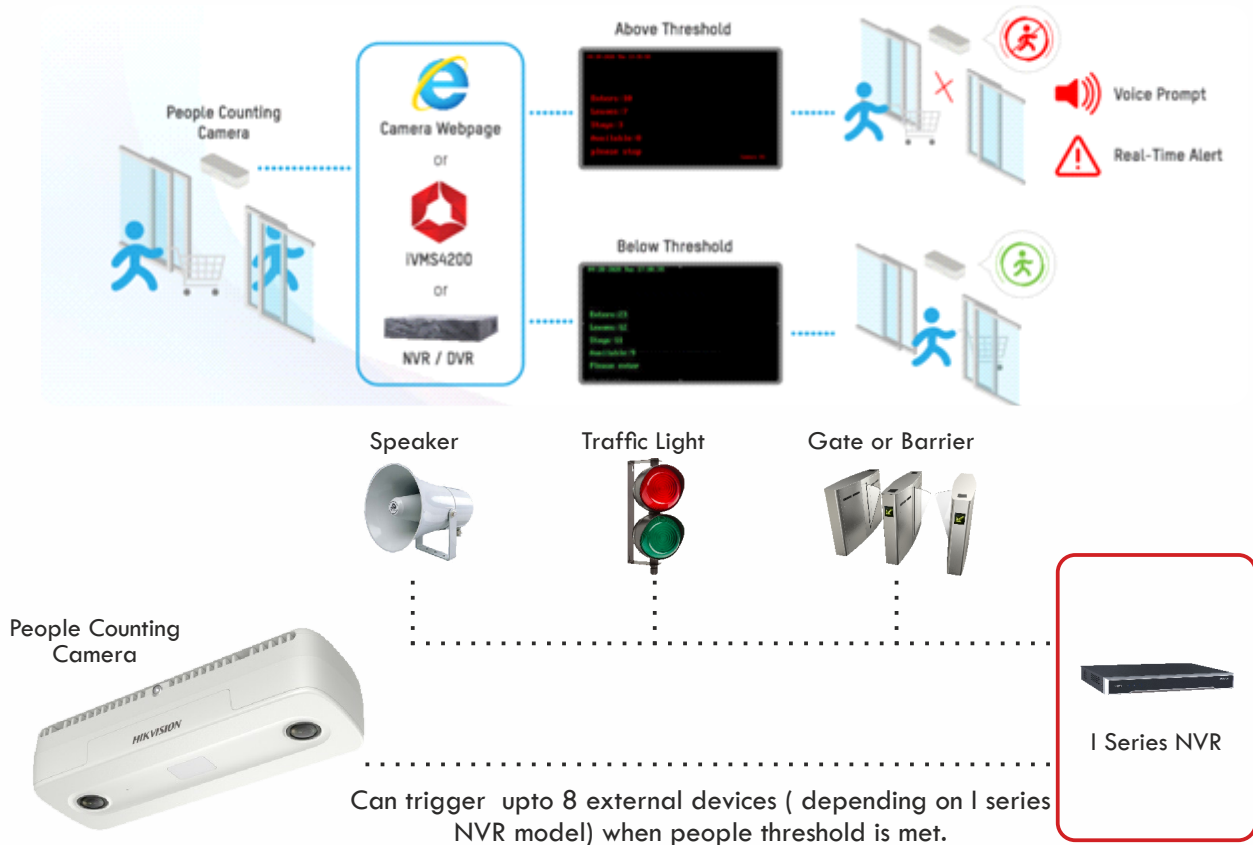
Multiple Entrance/Exit Deployment, multiple people counting cameras can be used for each entrance up to the maximum camera inputs of the I series NVR.

People Counting Camera

Entrance / Exit 1

People Counting Camera

Entrance / Exit 2

I Series NVR

Above Threshold

100

Below Threshold

78

22

Voice Prompt

Real-Time Alert

Speaker   Traffic Light   Gate or Barrier

People Counting Camera

HikCentral

Is capable of triggering a large quantity of external devices when people threshold is met.
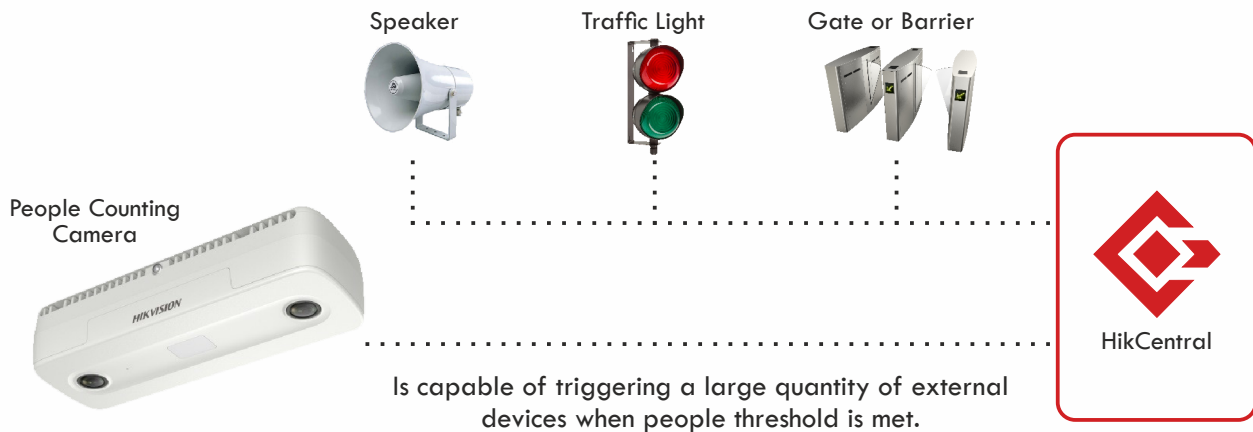
Large Scale deployment multiple entrance/exit deployment across multiple sites.

Solution Business Flow

Camera detects people entering

1

Counted number +1

2

Warning information is displayed if the counted number reaches the configured maximum.

3

A pre-configured alarm can be triggered, warning against entry, or and alert sent to monitoring entre to prevent entry.

4

People can easily see from the display whether they can enter, there is no need for real-time supervision by manager.

8

The remaining capacity is updated and clearly displayed.

7

Counted number -1

6

Camera detects people leaving

5

■ *Optional*

1 — Small Deployment

People Counting	PoE Switch	K Series NVR	Monitor

Small Deployment

2 — Small Medium Deployment

People Counting	PoE Switch	I Series NVR	Monitor

Small Medium Deployment

3 — Medium Deployment

Multiple People Counting	PoE Switch	I Series NVR	Monitor

Medium Deployment

4 — Large Deployment

Multiple People Counting	PoE Switch	HikCentral	HikCentral Work Station	Multiple Monitors

Large Deployment

Models

Cameras:
- DS-2CD6825G0/C-IS
- DS-2CD6825G0/C-IVS

Workstations:
- HC/WORKSTATION/H/GPU
- HC/WORKSTATION/M/GPU

K Series NVRs
- DS-7604NI-K1/4P
- DS-7608NI-K2/8P
- DS-7616NI-K2/16P

I Series NVRs
- DS-7608NI-I2/8P
- DS-7616NI-I2/16P
- DS-7716NI-I4
- DS-7732NI-I4
- DS-7716NI-I4/16P
- DS-7732NI-I4/24P
- DS-9664NI-I8
- DS-9632NI-I8

PoE Switches
- DS-3E0106HP-E
- DS-3E0310HP-E
- DS-3E0109P-E(C)
- DS-3E0318P-E
- DS-3E0326P-E

Monitors
- DS-D5022FN
- DS-D5024FN
- DS-D5027FN

Contact Details