

## Flowcontrol Pedestrian Counting System For all Retail and Public Buildings Where Social Distancing Is Required



The flow control system can be retrofitted to all models of automatic door operator with a view to restricting access numbers to a chosen level of visitor density, simply by counting pedestrian users in and out of the premises. The system is particularly suitable for retail premises and all other public buildings that allow visitor access.

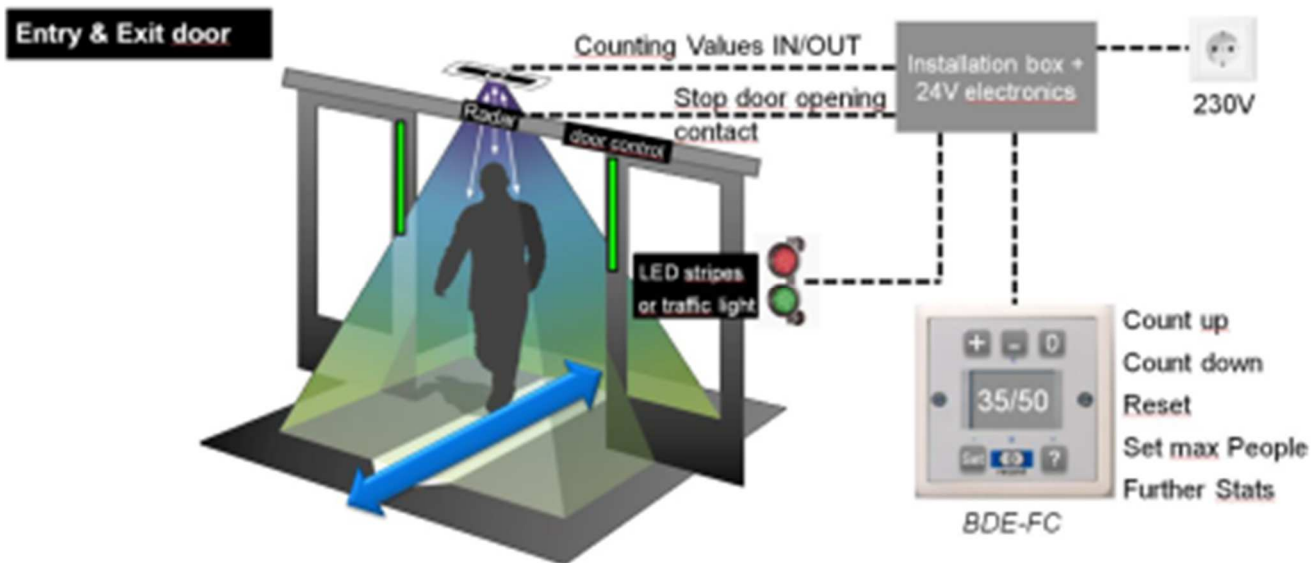
The system reliably counts all people into and out of the building. If the pre-determined maximum occupancy figure is reached, the system disables the door and prevents the ingress of further users until other users exit the building.

The system includes highly visible LED strips that are placed on the frames of the door to clearly indicate entry status, GREEN for enter or RED for wait. Information posters are also supplied to be attached to adjacent windows/walls or sandwich boards. These explain how to use the system.

### Key Features and Benefits

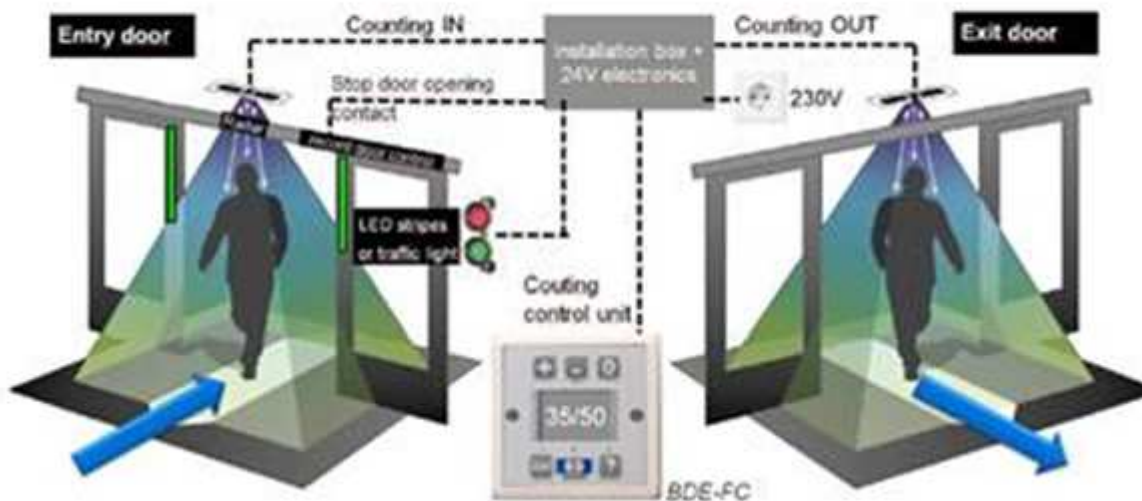
- Removes the cost of staffing the entrance with security personnel
- Allows removal of Security personnel away from social contact area
- Simple concept for customer understanding of purpose and use
- Installation to existing door systems in typically 3-4 hours
- Simple user interface allows local management of pedestrian numbers
- Clear visual indication of when users are allowed/denied access via robust LED strips
- System can be de-activated when not required
- Fire escape provision is not affected. Door always free to open in direction of escape.
- System can be configured for IN/OUT doors or for a dedicated IN door paired with a secondary OUT door used solely for exit.

**Schematic Showing Single Entrance Door with IN/OUT Configuration**



**Schematic Showing Two Single Entrance Doors with Dedicated IN and OUT Configuration**

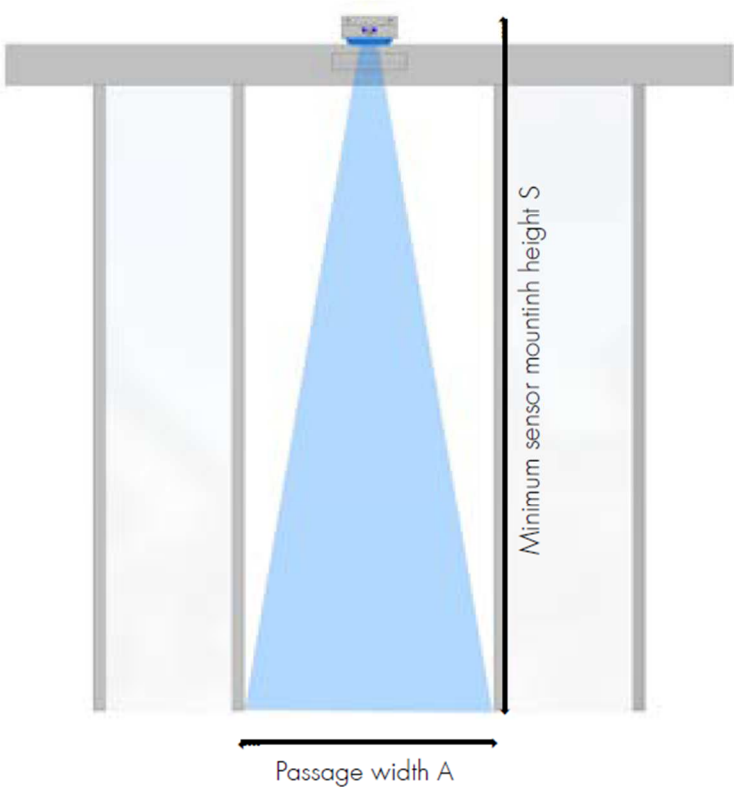
**system overview – separate Entry/Exit door**



Technical Data

Counting Accuracy:	>99%
Sensor Mounting Height:	2100mm – 3000mm
Maximum Passage width:	2400mm @ 3000mm sensor installation height
Minimum Height of Object Count	1300mm
Maximum Number of Sensors Combined:	4, maximum distance between all sensors is circa 60m
Multiple Entry/Exit Door Layouts	Yes.
Management Control Unit:	Yes, mounted at convenient location
ON/OFF Button:	Yes
Installation Requirements (by others)	230v ac 50Hz fused spur required for control box
IP Rating:	IP65 LED Strip/ Sensor and control fitted internally

Please note: The passage width defines the minimum sensor installation height.


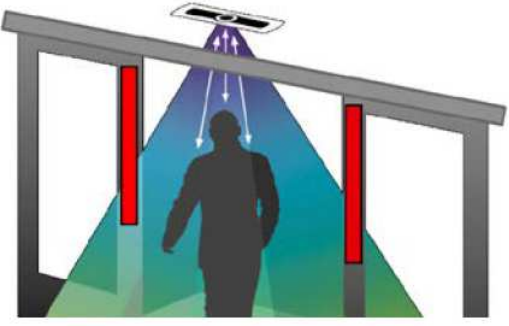


min. mounting height sensor S	max. passage width A
2 100 mm	1 500 mm
2 200 mm	1 600 mm
2 300 mm	1 700 mm
2 400 mm	1 800 mm
2 500 mm	1 900 mm
2 600 mm	2 000 mm
2 700 mm	2 100 mm
2 800 mm	2 200 mm
2 900 mm	2 300 mm
3 000 mm	2 400 mm

# Your health is important to us!

This door is connected to an automatic people counter.

Maximum number of people allowed in this store : \_\_\_\_\_



**Please wait!**  
The maximum number of people has been reached.  
Please wait until the signal changes to green.



**Please come in.**  
The maximum number of people is not yet reached.

Please give priority to NHS staff with valid ID Card. Please present ID card at front of queue.

We thank you for your co-operation in this matter!