

# SafeCount™



**SafeCount™**  
System for door entrances



## INTRODUCING

- Real time occupancy monitoring
- Live occupancy data with visual warnings and alerts when limits are approached or exceeded
- Customer and attendant dashboards
- Historic reports for analysis & audit
- Accessible on WiFi enabled devices
- Suitable for buildings with multiple entrances
- Various display signage options including display screens, LED light panels and traffic light displays



### Easy, fast install

- No complicated setup/config
- Box to working in under 30 mins
- Support for up to 20 entrances



### Standalone, yet scalable

- Separate from existing IT networks
- Optional cloud platform for remote management and reporting



### Long-term value

- Occupancy missing analytic metric
- Key to optimising performance



### High accuracy

- Unrivalled sensor accuracy (>99%)
- Unaffected by environmental conditions



### Privacy protecting

- Anonymous sensing technology
- Cameras/video not used in person detection



### Staff detection

- Advanced functionality that can exclude staff from occupancy count

## DASHBOARDS

### Customer View

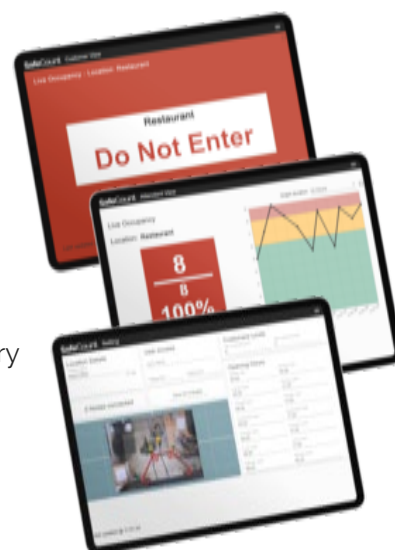
- Messages on customer view can be customized.
- Visual colour indicator changes based on live occupancy level

### Attendant View

- Live occupancy displayed against max occupancy
- Visual colour indicator
- Occupancy graph showing live occupancy and recent occupancy history

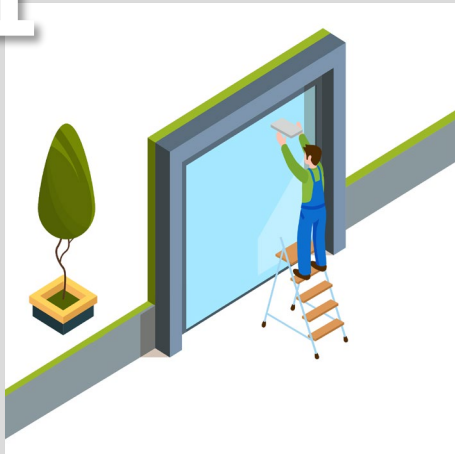
### Reports and Settings

- Simple setup via setup wizard
- Historical occupancy, footfall and pattern reports



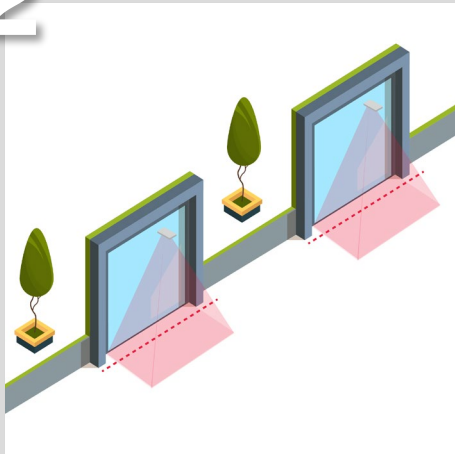
HOW TO GET STARTED:

1



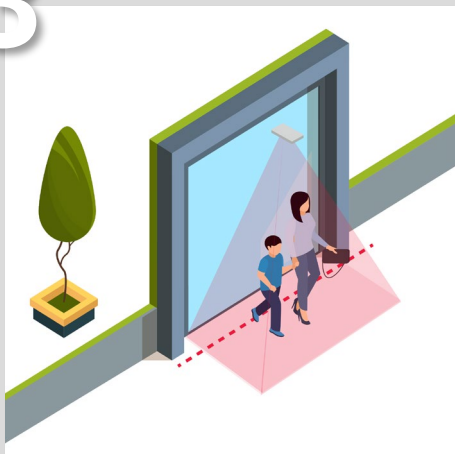
Install SafeCount Primary Sensor above main entrance and connect cables

2



Set up SafeCount Secondary Sensors above other entrances/exits

3



Customers and visitors are counted accurately and anonymously

4



View real-time occupancy data via any connected device

Find out more  
[irisys.net/safecount](https://irisys.net/safecount)



## SAFECOUNT SENSORS:

### SafeCount Primary Sensor (PoE) White

For your main entrance/exit  
Part Number: IRC6637SAW

### SafeCount Secondary Sensor (PoE) White

For additional entrances/exits  
Part Number: IRC6637SNW



## DISPLAY KITS AND ACCESSORIES:

Designed to complement and enhance your SafeCount system and provide you with flexibility when it comes to customer facing messaging, these additional components are also available separately.

### Employee Detection Lanyards

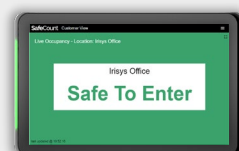
Excludes staff from occupancy count when worn in occupancy area.  
IWC6205-50 - Pack of 50 (Black)  
IWC6205-500 - Pack of 500 (Black)



### LCD/Tablet Display Kits

Available in various versions:

IWC6254 - 10" commercial-grade, non-touch smart LCD display.  
IWC6255 - 10" commercial-grade, PoE compatible touchscreen LCD display.  
IWC6256 - 21.5" commercial-grade, non-touch smart LCD display.



### Traffic Light Display Kit (IWC6265)

IP65 rated 'Red and Green' signal indicator for use internally or externally.  
Connects to the SafeCount sensor via an I/O adapter included in the kit.



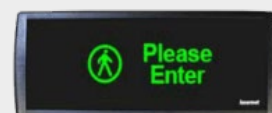
### Mini LED Display Kit (IWC6257)

'Enter / Do Not Enter' LED Mini display for internal use only.  
Connects to the SafeCount sensor via an I/O adapter included in the kit.



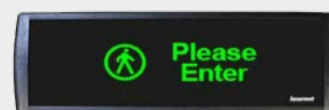
### Large 470 LED Display Kit (IWC6258)

'Enter / Do Not Enter' ultra-bright LED display for internal use only.  
Connects to the SafeCount sensor via an I/O adapter included in the kit.



### Weatherproof 580 LED Display Kit (IWC6260)

'Enter / Do Not Enter' ultra-bright LED display for internal and external use. Connects to the SafeCount sensor via an I/O adapter included in the kit.



ADDITIONAL EQUIPMENT:

All of the SafeCount system analytics as well as the live dashboards and reporting is embedded on the device, meaning no additional software is required. To access the live dashboards and configure the settings on the sensor it must be connected using a network cable to a WiFi router via a PoE Switch with sufficient ports for each SafeCount sensor used and the WiFi router. These additional components must be purchased separately.

PoE Network Switch (Required)	Please refer to <b>Additional Equipment Specification</b> on next pages
WiFi Router (Optional)	
Tablet/Screen (Optional)	

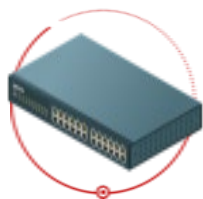
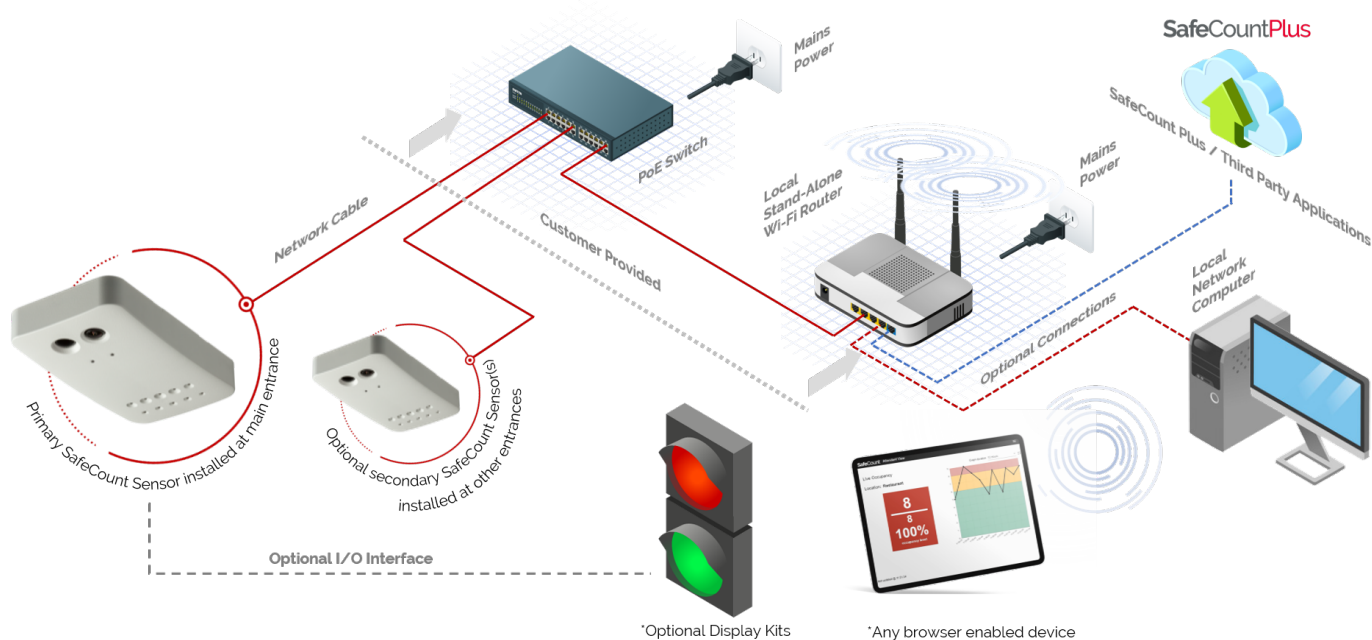
TECHNICAL SPECIFICATIONS:

Technology	Infrared – Time of Flight
Usage	Indoor only
Mounting Height	2.5m – 4.5m
Coverage	Varies based on mounting height @ 2.5m = 2.27m x 1.63m @ 4.0m = 4.41m x 3.16m
Sensor Dimensions	195mm x 110mm x 32mm
Sensor Weight	550g
Housing Material	Cast aluminium alloy
Power Supply	PoE IEEE802.3af Class 3 (<12.95W)
Operating Temp. Range	0°C to 40°C
Req. Illumination	N/A – works in darkness
Origin	Assembled in the UK
Warranty	1 year

Auto Height Setup	Yes
Height Measurement	Yes – accuracy +/- 2cm
Height Filtering	Yes
Staff Filtering	Yes
I/O Module Support	Yes
Detection Speed	5 m/s (max)
Configuration Interface	HTML 5 web config. Access remote/local Mob. device compatible
Data Interface	HTTP POST (JSON) REST API MQTT
IP Interface	IPV4, IPV6 ready Fixed IP address / DHCP IP connections secured using TLS v1.2
Video Validation	Low resolution Setup and audit use only

**ADDITIONAL EQUIPMENT SPECIFICATION:**

The SafeCount system is a flexible, scalable solution that can be used across multiple entrances. Although all of the behavioral analytics and dashboards is embedded on the device, additional system components are required to complete the solution. Before specifying, and ordering parts, please familiarize yourself with the SafeCount device and the required and optional components in the network diagram below.



## PoE Switch

Any PoE switch which is compliant with the 802.3af standard PoE specification, can be used to connect and power your SafeCount device. Make sure that the switch you use has enough physical ports for each SafeCount Sensor as well as a Wi-Fi Router connection if you intend using one. Remember that you'll need a SafeCount device at each entrance and exit to/from your store. If using basic PoE injectors, these too must be compliant with the 802.3af spec.



## WiFi Router

A Wi-Fi Router enables connection to all your SafeCount devices wirelessly. If you are using a PoE switch then a single cable from that switch will suffice, but if using individual PoE injectors, make sure that your Wi-Fi Router has enough physical ports to allow connection to all of them. If your Wi-Fi Router only has one port, then a basic switch will also be required.

## Network Configuration

Each SafeCount Sensor ships with a default IP address of 192.168.0.10 but will look to obtain an IP address automatically from a DHCP enabled device on your network, such as a router. – please refer to your network administrator or IT department if you are at all unsure of the impact of this.

## ADDITIONAL EQUIPMENT SPECIFICATION (continued):



### Tablet / Display screen


- Ensure the screen is big enough for use – especially if you plan to leave the tablet display viewable by your customers/visitors.
- The minimum screen resolution required is 1024x700.
- The tablet must be running the Google Chrome web browser app.
- Other web browser may work, but Chrome is the recommended browser and is known to work.





### Display Kits/Sound

The SafeCount solution also supports direct integration with other audio and visual indicators via separate accessories and display kits that can be purchased with your SafeCount sensors. Once integrated it is possible to control simple visual indicators such as a traffic light system showing a red or green light depending on occupancy levels. SafeCount also supports the use of clear audible alerts to inform people of when it is safe to enter.



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