

TECHNICAL DATA

Irisys SafeCount™ Real-Time Occupancy Monitoring Solution



Key features

- People counting technology sends alerts when occupancy limit reached
- Fast and easy installation with simple setup wizard
- Handles areas with multiple entrances and exits
- Privacy protecting sensor – people counted anonymously
- Standalone system – does not require an internet connection

Product overview: Irisys SafeCount™ Real-Time Occupancy Monitoring Solution

Protect safety and enable social distancing with the Irisys SafeCount™ real-time occupancy monitoring solution.

SafeCount uses highly accurate people counting technology to anonymously count people as they enter and exit an area. This data is used to calculate the areas occupancy in real-time and can be displayed live to building users via display screens and various signage options.

Suitable for individual rooms or entire buildings, a SafeCount system can handle areas with up to 20 entrances or exits. It can operate as a standalone solution without an internet connection, or if remote access and advanced reporting is required then functionality can be extended with an internet connection and a SafeCount Plus cloud platform subscription.

The SafeCount sensors use an anonymous and highly accurate sensing technology called infrared Time of Flight. This protects the privacy of building users as the SafeCount sensor does not use a camera to detect people or measure occupancy.

SafeCount sensors are discreet, ceiling mounted devices that have been designed for quick installation. As a PoE (power over ethernet) device, only one cable is required for power and data transfer, and thanks to a guided setup wizard, setup and configuration is fast and simple.



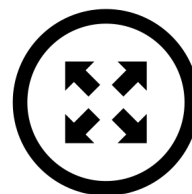
Easy, fast install
Simple setup wizard



High accuracy
Unrivalled person detection accuracy (better than 99%)



Privacy protecting
Anonymous sensing technology



Standalone
Works independently of existing IT networks

Where can SafeCount be used?

SafeCount can be used to monitor the occupancy of entire buildings, individual rooms or anything in-between. Example use cases are:

- Retail stores and supermarkets
- Higher education
- Corporate workplaces
- Restaurants, hospitality and leisure facilities
- Washrooms

Does your building or room have multiple entrances and exits? Don't worry, that's not a problem for SafeCount.

Get advanced reporting and alerting with SafeCount Plus

Extend your SafeCount system with a SafeCount Plus cloud subscription. Remotely access and analyse all of the occupancy data collected by your SafeCount systems, across a portfolio of buildings and locations.

- Compare real time and historic performance
- Advanced reporting to identify locations not complying with occupancy restrictions
- Email and SMS alerting – get notifications and alerts even when you are not on site
- Supports an unlimited number of buildings in different locations and time-zones
- Enables integration of live occupancy data to other platforms and systems

About Irisys

Irisys are the largest global provider of people counting and queue management solutions. Irisys have 24 years of experience and have deployed over 500,000 sensors worldwide. Collectively their sensors count over 10 billion people every year and are trusted by global brands such as Kroger, Samsung and Harley Davidson.

Specifications: Irisys SafeCount™ Real-Time Occupancy Monitoring Solution

Specifications	
Technology	Infrared – Time of Flight
Usage	Indoor only
Mounting height	2.5m – 4.5m
2.5m – 4.5m	Varies based on mounting height @ 2.5m = 2.27m x 1.63m @ 4.0m = 4.41m x 3.16m
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
Sensor dimensions	195 x 110 x 32 mm



195 x 110 x 32 mm	550g
Housing material	Cast aluminium alloy
Power supply	PoE IEEE802.3af Class 3 (<12.95W)
Operating temperature range	0°C to 40°C
Required illumination	N/A – works in darkness
Origin	Assembled in the UK
Warranty	1 year

Ordering information



IRC6637SAW - Primary SafeCount Sensor

Irisys SafeCount™ Real-Time Occupancy Monitoring Solution

Includes:

- Primary SafeCount Sensor
 - Quick start installation and setup guide
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IRC6637SNW - Secondary SafeCount Sensor

Irisys SafeCount™ Real-Time Occupancy Monitoring Solution

Includes:

- Secondary SafeCount Sensor
 - Quick start installation and setup guide
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ISC8800 - SafeCount Plus Annual Cloud Subscription

SafeCount Plus cloud subscription for advanced reporting and analytics.



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