

True Zone

Capture occupancy and utilization data at building, floor or zone level

- Understand how your buildings and real-estate is truly used by automatically measuring occupancy levels.
- Make strategic space utilization decisions based on accurate data you can trust.
- Maximize return on investment by only deploying sensors at key locations and entryways.

MEASURE live building occupancy
MANAGE real-estate more effectively
OPTIMIZE space utilization

The True Zone sensing solution is designed to measure occupancy at building, zone or floorplate level. The solution uses the high-performance Irisys Vector 4D device at key locations or entryways to cost effectively and accurately measure occupancy at a macro level.

The True Zone solution offers:

- **Private and anonymous sensing:** No video cameras used in detection. Uses active Time of Flight infrared, making it impossible to identify individuals.
- **Unrivalled accuracy:** Over 99% counting accuracy (proven in real world).
- **Easy deployment:** Over 500,000 Irisys devices have been deployed world-wide with configuration tools optimized to reduce rollout costs.
- **Fast installation:** Single cable required for data transfer and power (Power over Ethernet device)
- **Auto-setup:** No calibration required, device learns its surroundings and adapts for optimal accuracy.
- **Unaffected by the environment:** Works in darkness, changing light, changing temperature, 24/7 reliability.
- **Objective data collection:** Live zone occupancy, average occupancy, peak occupancy; (& more)



Doorway Sensor – Vector 4D



SKUs

IRC6637-AW

Doorway Sensor – Vector 4D

Sensing you can rely on
 Data you can believe in
 A partner you can trust

Doorway Sensor – Vector 4D

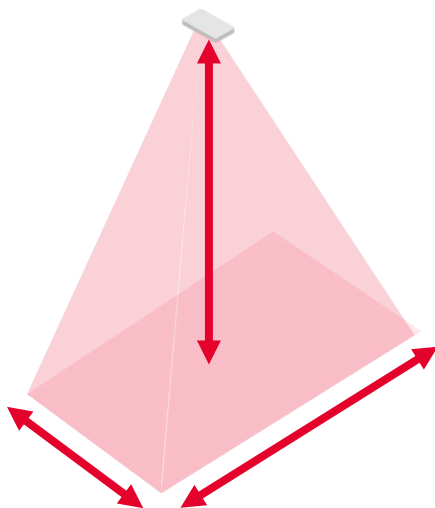
Part Number: IRC6637-AW

Vector 4D is a highly accurate and custom designed, IoT people counting sensor. Typically installed on the ceiling at entryways and egress points, this discreet sensor anonymously measures the movement of people in its field of view – in all directions. Used extensively in retail stores, this sensor is tried and tested, reliably counting people in high traffic areas and in bright/no light conditions.



Installation Details

Mounting Height Range	2.0m to 4.5m above floor level
Sensor Coverage	Depends on mounting height @ 2.5m = 2.27m x 1.63m @ 4.0m = 4.41m x 3.16m



Advanced Features

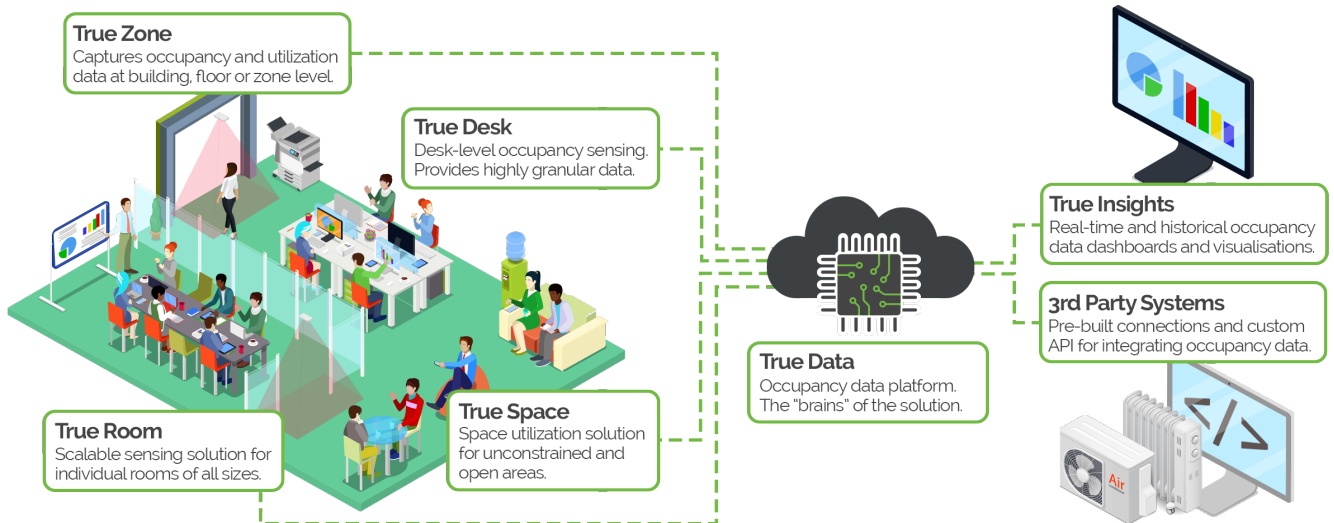
Multi-directional counting	Yes. Up to 32 directions.
Remote validation	Yes. Onboard low resolution camera for setup and audit.

Technical Specifications

Sensing Technology	Infrared - Time of Flight
Housing	Cast aluminium alloy
Dimensions	195mm x 110mm x 32mm
Weight	550g
Required Illumination	N/A - works in total darkness
Data Interface	REST API, MQTT, BACnet/IP, HTTP POST
IP Interface	IPV4, IPV6 ready TLS v1.2
Configuration Interface	HTML5 web configuration Access remote/local Mobile device compatible
Auto-setup	Yes, intelligently self-calibrates
Security	Encrypted data transmission. Penetration tested. No storage of PII (Personal Identifiable Information)
Usage	Indoor use only
Operating Temp. Range	0°C - 40°C
Power Supply	PoE IEEE802.3af Class 3 (<12.95W)
Origin	Manufactured in UK

True Occupancy is an occupancy ecosystem that provides essential occupancy data for everywhere that matters to you. Drive strategic decisions and optimize your real estate.

- **Application specific sensing solutions** – Designed for maximum performance and accuracy
- **Intelligent data platform** – Aggregates sensor data and validates with patented heuristics
- **Open integration** – With leading BMS and workplace systems, via industry standard best practices
- **Remote device management** – Trusted by large global corporations
- **Simple, intuitive dashboards** – Straightforward occupancy visualisations and reporting tools
- **Scalable and flexible** – Choose as much or as little of the solution as you need



Ready to get started?

Talk to one of our occupancy experts today

trueoccupancy.com/demo



True Occupancy is a building occupancy solution by Irisys.



Irisys have provided the essential technology for understanding people movement in buildings for 25 years.



Fluke is a global leader in test and measurement instruments.

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