

Overview

The MIRP is our latest model of the popular proximity indoor people counter. It is a simple, reliable, flexible and low-cost counting solution. It uses an invisible infra-red beam which is reflected from the pedestrian.

The MIR7P is a compact single sided unit with all elements contained in a single polycarbonate box. The unit can be positioned above the entrance with the sensor pointing downwards or at the side of the entrance with the sensor pointing across the entrance, making it suitable for locations where there are not two walls for mounting.

Installation is straightforward. The unit is mounted using 4 screws within the housing, making the unit resistant to removal by the public.

Display model (MIRP):

The display is a 6 digit LCD display which can be read without opening the unit. It is reset to zero using the supplied magnet.

Data logger model (MIRPD)

An internal data logger can be integrated with the unit. The logger provides data/time count data that is downloaded onto a PC/laptop using the supplied USB cable. Download is done by connecting the USB cable to the connector on the housing. Software is supplied (refer datasheet)

Wireless model (MIRPW)

A wireless transmitter can be integrated with the unit for 'real-time' count data. A receiver is attached to a PC/laptop to receive the data. More than one counter can transmit data to a single PC. Software is supplied (refer datasheet).

Additional indoor people counters

Multiple MIRP counters can be interfaced to cover wider entrances

MIR7B: Double-sided IR battery counter for entrances to 8 metres

LIR: Double-sided IR battery counter for entrances to 12 metres.

DBPC: Dual Beam directional counters (mains operated) to count pedestrians in each direction

Refer datasheets for further information

Features & Benefits

- ♦ Single sided battery operated counter that counts all pedestrians passing the sensor
- ♦ Detection range is up to 1 metre (overhead mounting) and up to 1.8 metres (side mounting) from sensor
- ♦ Narrow beam with small spread provides good discrimination between pedestrians - only a small gap is required for accurate counting
- ♦ Beam passes through glass
- ♦ Long life battery life
- ♦ Strong polycarbonate housing that is waterproof to IP65
- ♦ Can be installed overhead or at one side of entrance
- ♦ Suitable for entrances up to 1 metre wide for overhead position or up to 1.6 metres wide for side mounted
- ♦ Supplied with either LCD display for manual reading of counts, data logger or wireless transmitter.
- ♦ No maintenance
- ♦ Easily moved amongst locations
- ♦ Extremely easy to install - no cabling or alignment

Target Applications

- ♦ All public places where an overhead counter is suitable, or in locations where there is only a single wall for mounting a counter.



Micro IR Proximity Indoor People Counter

Specifications

Technology:	Infra-red, Beam spread 8 degrees (total)
Detection range:	Up to 1.8 metres from sensor (depends on situation)
Entrance width:	Up to 1 metre wide for overhead & 1.8 metres wide for side mounting
Housing:	One polycarbonate box with internal screws for mounting Waterproof to IP65 (shower-proof)
Housing options:	Stainless steel mounting plates - facilitates mounting on hard surfaces such as brick/cement. Additional plates can be provided to facilitate moving counters amongst locations
Batteries:	1 3.6V C size lithium (life 8 years)
Indicators and controls: MIRP model with display:	6 digit LCD counter (not supplied for MIRPD or MIRPW) Magnetic reset for LCD display
All models:	LED 'detect' to indicate when person is counted LED battery check Internal sensitivity control



MIR7P with display
- IR transmitter and receiver on lid



MIR7P
- Overhead installation



MIR7P
- Side installation
- No wall on opposite side