

## Overview

The LIR7 indoor people counter is designed to provide a simple, robust and reliable counting system suitable for public areas with entrances and exits up to 12 metres wide.

The system consists of a transmitter and receiver that are placed on either side of the entrance. The units are battery powered and have low battery consumption. The system uses a fast-pulse narrow infra-red beam and operates effectively in all indoor conditions, including strong sunlight.

The units are supplied in strong polycarbonate boxes suitable for high usage areas and with tamper-proof screws making the counter highly resistant to vandalism.

The units are easy to install as there is no wiring required between the units or for power.

The counts can be displayed on the LCD screen, or downloaded onto a PC using our data logger or wireless option.

## Options

Data logger enables the download of time/date data onto a PC.

Wireless option allows for the continuous download of data onto a PC for 'real-time' data.

Can be supplied as mains operated.

## Additional indoor people counters

Micro IR counters are suitable for entrances up to 8 metres (MIR7B).

Micro IR Proximity (MIR7P) counters are suitable for installing above entrances that are up to 1 metre wide or to the side of entrances up to 2 metre wide.

Directional counters are also available.

## Features and Benefits

- ♦ Ideal for wide entrances - up to 12 metres
- ♦ Battery operated with long battery life
- ♦ Units are placed on either side of entrance clear of obstructions
- ♦ Good discrimination between individuals
- ♦ Vandal resistant housing
- ♦ Robust housing suitable for high usage areas
- ♦ No external sensors, cables, switches
- ♦ High reliability in all situations, strong sunlight, high temperatures and humidity, etc.
- ♦ Easy to install
- ♦ No on-going maintenance
- ♦ Supplied with display or with internal data logger or wireless transmitter

## Target Applications

- ♦ High-usage areas such as leisure centres, bus stations, larger museums and galleries, shopping centres
- ♦ Areas with very wide entrances such as markets, shopping centres, etc.
- ♦ Vandal-prone areas



# Long Range IR Indoor People Counter

## Specifications

Technology:	Fast pulse narrow beam infra-red
Entrance/Exit Width:	12 metres maximum
Housing:	Robust polycarbonate with tamper-proof screws to make unit highly vandal-resistant
Dimensions:	
Transmitter:	80 mm x 82 mm x 56 mm
Receiver:	120 mm x 120 mm x 85 mm
Waterproofing:	BS IP65
Batteries:	
Transmitter & Receiver:	4 AA lithium (life more than 3 years) - supplied as standard 2 PP3 alkaline (life more than 1 year)- on request
Indicators and controls:	
Transmitter:	Battery check LED Magnetic switch to turn on LED
Receiver:	6 digit LCD counter (optional if supplied with logger or wireless) Beam strength LED Battery check LED Magnetic switch to reset counter Magnetic switch to turn on LED

## Options

Data Logger	Records date, time and counts for download to PC. Variable counting periods can be set
Wireless unit	Wireless link to PC for continuous download of count data. The PC can receive data from multiple counters via the wireless link.



Transmitter



Receiver (can be supplied with internal logger or wireless transmitter)