

Long Range IR Indoor People Counter LIR5

Overview

The LIR5 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 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 data onto a PC and the set-up of variable counting periods.

Wireless option allows for the continuous download of data onto a PC and for the collection of data from several counters. Repeaters are supplied for counters located at a long distance from the PC.

Additional indoor people counters

Micro IR counters are suitable for entrances up to 4 metres.

Micro IR Proximity are suitable for installing above entrances up to 1 metre wide.

Mains operated systems (Mains IR, Mains Directional IR and Mains Dual Beam) are also available.

Features

- ♦ 12 metres sensing distance
- ♦ Low battery consumption
- ♦ Small and inconspicuous units
- ♦ No external sensors, cables, switches
- ♦ Robust construction
- ♦ Unaffected by bright sunlight
- ♦ Optional data logger
- ♦ Wireless enabled option available

Benefits

- ♦ High reliability
- ♦ Ideal for wide entrances and exits
- ♦ Easily hidden from view
- ♦ Long battery life - no other maintenance
- ♦ Vandal resistant
- ♦ Easy to install
- ♦ Data displayed on screen or downloadable onto PC

Target Applications

- ♦ All public places such as libraries, sports centres, museums, art galleries, offices, banks, shopping centres



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:	2 AA lithium (life more than 360 days)
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
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 with wireless transmitter