

## Overview

The MIR7 range of battery operated indoor people counters are designed to provide a simple, reliable and low-cost counting system suitable for public areas with entrances up to 8 metres wide. The system uses an invisible infra-red beam which is broken when a person passes.

The system consists of a small transmitter and receiver that are placed on either side of the entrance. The units have an internal battery and have low battery consumption.

The units are easy to install with no wiring required. It is supplied with an integral mounting clip and can be easily moved between locations. Alternatively, it can be supplied with industrial double sided tape for attaching to glass, etc. There is no on-going maintenance other than infrequent battery changes.

### MIR7B:

This unit is supplied with a 6 digit LCD screen for displaying the count data. The counts are re-set to zero by using the supplied magnet, therefore avoiding accidental re-sets by the public.

### MIR7BD:

The specification is as for the MIR7B, but this unit is also supplied with an internal data logger. The 'time-date' data is easy to download onto a PC/laptop using the supplied USB lead which is plugged into the socket on the side of the counter. One copy of the software is required per organisation.

### MIR7BW:

The specification is as for the MIR7B, but this unit is also supplied with an internal wireless transmitter which sends 'real-time' data to a PC fitted with a receiver. The housing is slightly large on the receiver side. Multiple counters can be linked to provide integrated information.

### Metal Housing:

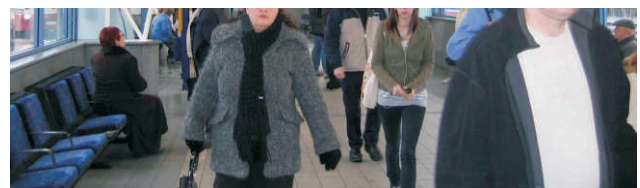
Strong black aluminium housing can be supplied with the MIR6B and MIR6BD models. There is a small aperture to allow the beam to pass through with all elements (display, etc) hidden from view. It requires a security tool to access the counter. Ideal for high vandal areas such as public conveniences.

## Features

- ♦ NEW LONGER RANGE MODEL - suitable for entrances up to 8 metres
- ♦ Double sided unit placed on either side of entrance
- ♦ Counts all pedestrians passing through entrance
- ♦ Fast response time and narrow beam allows good discrimination between people in a group
- ♦ Unaffected by bright sunlight
- ♦ Beam passes through glass
- ♦ Small and inconspicuous units with 6 digit LCD display
- ♦ Battery operated counter using PP3 batteries with long battery life (minimum of 1 year)
- ♦ Beam alignment & battery check indicator
- ♦ Easy to install with integral mounting clip
- ♦ No external switches - reset controlled by magnet
- ♦ No maintenance other than infrequent battery changes
- ♦ Can be supplied with internal Data Logger or Wireless Transmitter

## Target Applications

- ♦ All public places such as: libraries, sports centres, museums, tourist information centres, galleries, offices, banks, shopping centres, public conveniences.



# Micro IR Indoor People Counter

## Specifications (MIR7B, MIR7BD, MIR7BW)

Technology:	Infra red beam
Entrance/Exit Width:	8 metres maximum
Housing:	Black housing with integral battery holder and mounting clip
Dimensions:	
MIR7 and MIR7BD	Transmitter and Receiver: 62x 50x23 mm
MIR7BW	Transmitter: 62x 50x23 mm Receiver: 168x83x35 mm
Batteries (included):	PP3 alkaline (life 1 year) (supplied with MIR7) PP3 lithium (life 2 years) (supplied with MIR7BD, MIR7BW)
Indicators and controls:	
Transmitter:	Magnetic switch for turning on LED Battery check LED
Receiver:	6 digit LCD counter Magnetic switch to reset counter Beam strength indicator Magnetic switch to turn on indicators

## Models

MIR7BD	Fitted with internal data logger (refer data logger datasheet)
MIR7BW	Fitted with internal wireless transmitter. PC/laptop is fitted with wireless receiver unit. Repeaters supplied for longer distances (refer wireless datasheet)
Metal Housing (MIR7BH, MIR7BDH)	Painted aluminum housing with tamper-proof screws to make unit highly vandal-resistant. Only for MIR7B and MIR7BD models. Dimensions: 120x95x35.



Receiver



Transmitter



Side view showing mounting clip



Metal Housing with tamperproof screws



Receiver showing the data logger connector