

Chambers Electronics Dual Beam Indoor People Counter DBPC



- ↳ **Displays either the number of people passing in one direction or the number in the building**
- ↳ **4 metre Sensing Distance**
- ↳ **High Reliability**
- ↳ **Easy Installation**
- ↳ **Robust Housing**

THE IDEAL SYSTEM FOR:

- ↳ **Visitor Centres**
- ↳ **Sports Centres**
- ↳ **Museums**
- ↳ **Art Galleries**
- ↳ **Banks etc.**

Description

Chambers Electronics have a wide experience in the development of many types of systems for monitoring the number of people entering and leaving buildings. Using the latest technology available we are able to provide the most reliable and simple to use counters on the market today.

The Dual Beam Indoor People Counter differentiates the direction people pass the sensors and can be used to display either the number of people passing in a specified direction or the number of people in the building.

It consists of a control box, a reflector and a mains power supply. The control box contains infrared detectors, a count display and associated circuitry, and is powered from the mains adapter.

The counter can easily be integrated into existing systems and can be supplied with open collector npn outputs. It can be also be powered from a 12 to 24 volt dc supply.

The counter can be supplied with Chambers Data Loggers which can be supplied either external or internal to the control box.

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Chambers Electronics Dual Beam Indoor People Counter

S p e c i f i c a t i o n s

Detection Method	Modulated infrared reflective photoelectric sensors
Sensing Distance	4 meters maximum (control box to reflector)
Housing	Robust polycarbonate housing
Power Supply	240 volt to 12 volt mains adapter 12 to 24 volt dc option
Dimensions	122mm x 120mm x 86mm 120mm x 200mm x 86mm (with integral logger)
Controls	Counter Reset (magnetic switch)
Indicators	2 LEDs indicating reception status of each infrared detector
Outputs	Open collector O/Ps can be supplied so that unit can be integrated with other systems.

Count display options:

6 digit LCD display which shows either the number of people entering in a specified direction or else the number of people in the building. (Count display not normally included when unit incorporates logger.)

Datalogger

A microprocessor based datalogger can be supplied. The logger records the number of people passing in a pre-set time interval. This information is retrieved and analysed by connecting the logger to a standard PC. The logger records data for up to 670 days if set at 1 hour intervals. When sold with a logger the unit can be supplied with a larger box to incorporate the logger within it.

