

Overview

A high performance wireless system for transmitting count data to a PC is available for all of Chambers outdoor counters and most of our indoor counters. The wireless system is recommended in situations where real-time data is required or where the count information is required from the counters remotely.

The system consists of:

- one or more wireless-enabled counters which are fitted with a radio transmitter.
- one receiver which is attached to the PC with the supplied serial lead (USB convertor lead available).
- If required - one or more repeaters.

Repeaters are required when the distance between the counter and the PC exceeds 30 metres (indoors) and 60 metres (outdoors). The repeater can be positioned up to 60 metres (indoors) and 120 metres (outdoors) from the PC.

More than one repeater can be used and repeaters can forward data from multiple counters. If repeaters are used, then all counters must send their data to the PC via the repeater and are mains operated.

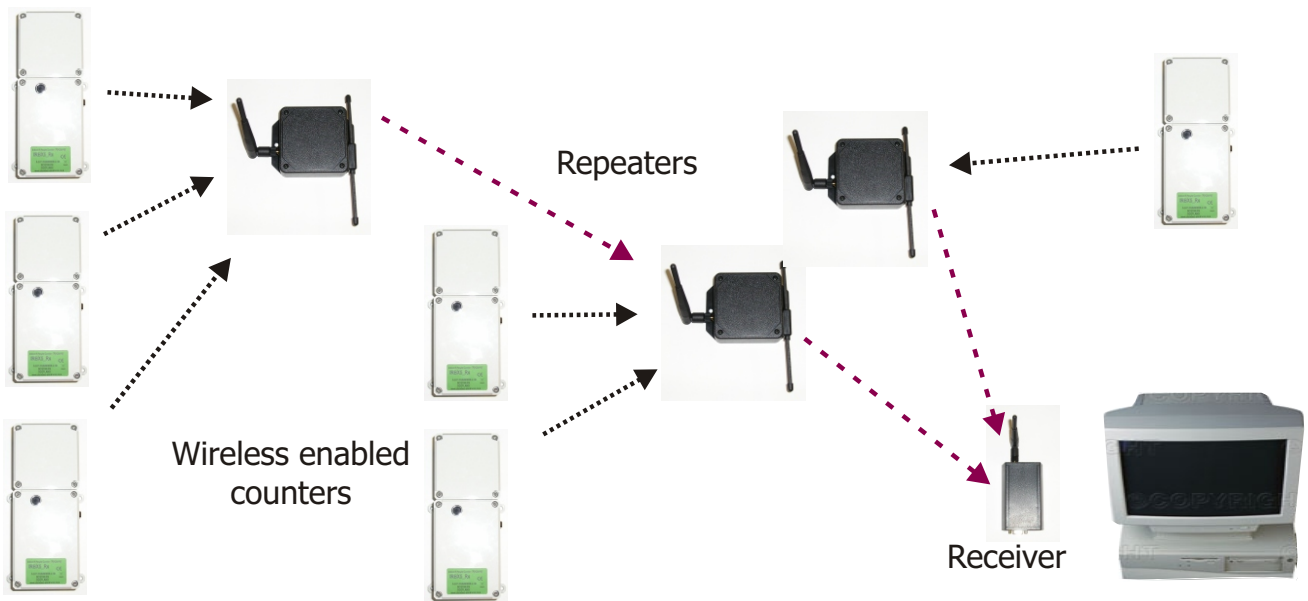
The transmitters send data continuously to the PC and the software automatically uploads the number of counts with a date/time stamp. The PC must be turned on to receive the data. If the PC is switched off, the counts will accumulate during the 'off' period and will be downloaded when the PC is turned back on.

The supplied software produces a table of counts against time/date and the software can record data from multiple counters. The data is exported to the supplied Excel spreadsheet for analysis.

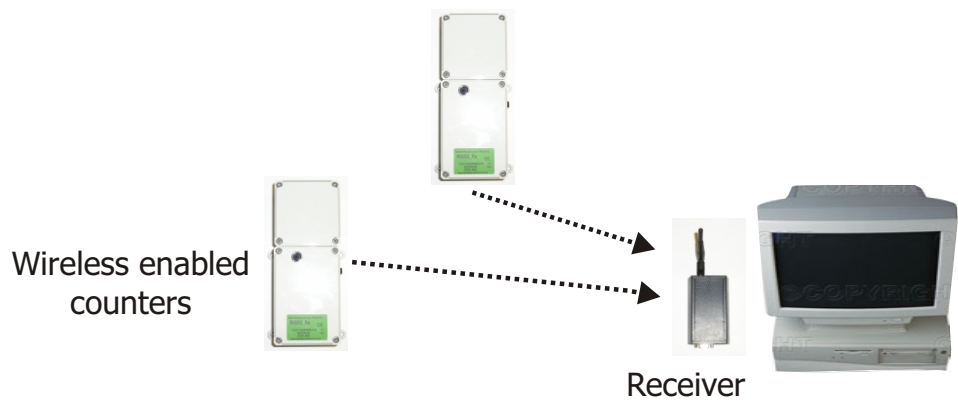
Customised applications can be provided to use the 'real-time' data to display on a PC or external display information such as:

- running total of counts - (digital or graph)
- bar graphs to show numbers using each entrance/exit
- display text such 'Full'

Example wireless installation with 6 wireless enabled counters, 3 repeaters and a receiver attached to PC.



up to 60 m indoor or 120 m outdoor
up to 30 m indoor or 60 m outdoor



Example wireless installation with 2 wireless enabled counters and a receiver attached to PC.

(Not to scale) .