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People Counter

Zigbeecounter Instructions


As discussed, please find the instruction for the set-up of Q-Scan Zigbee counter units. This unit works using a pair of range-finding beams and therefore does not require a reflector. It is easy to install, and is configured via software remotely installed on a local PC. This PC must have internet access.

Once you have followed the mounting instructions (on page 2), **please contact our Support Engineers by calling 0115 8757505** to guide you through the remote installation process – (Via LogMeIn) - allowing us to install the latest count service software on your PC to communicate with the counter. The engineer will ask you some questions about the position of the counter, and the nature and width of the entrance. A digital picture of the entrance, and counter location is useful in assisting this process.

Once the counter is mounted, and the service is running on your local PC, your data can be accessed by visiting: www.axiomaticechnology.co.uk/footfall

Username: XXXXXXXX **Password:** XXXXXXXXXXXX

By default the server will show today's date – you can search counts between any previous date and time up to the present.

- The '▶' symbol will open a detailed list of all counts over the selected period.
- The  symbol will save the current data into an Excel spreadsheet
- Clicking on either the SIM number or your company name will give you an hourly breakdown of the counts for an individual day.

Place the unit on one side of the entrance between waist and chest height. It is currently set to count 'In' from A-B and vice-versa, if you need to place it on the opposite wall please let us know and we can flip the counts.

Connect the power to the unit, the green LED should light up when a person walks past the counter.

The default setting for the counter is for a distance of 1.5 metres, and uploads every 240 minutes. The counter is currently set with the buzzer 'on' to facilitate easy set-up.

Determining ideal ZigBee Counter locations at entrances

Correct positioning and setting up is important and will provide trouble free operation. Choose a location where people move freely so that undue obstruction is avoided. To ensure optimal set-up, it is recommended that the ZigBee Counter be temporarily placed at different points on an entrance to provide the installer with adequate feedback to then fit the unit permanently and securely at the best point possible.

Points to consider for a good location:

- The ZigBee Counter is horizontal and fixed securely to a wall or plinth
- The ZigBee Counter is at a height of 0.35m to 1.3m. Preferred height is 1.2m (*Mounting the counter at a lower height means that you will count children*)
- The ZigBee Counter is away from reflective surfaces e.g. glass panels
- The ZigBee Counter is 0.25m away from entrances with sliding/outward swinging doors
- The ZigBee Counter is 0.25m away from the arc of an inward swinging door
- The ZigBee Counter is mounted on a solid surface
- The ZigBee Counter is out of direct sunlight
- The ZigBee Counter is positioned where visitor will pass by and not loiter.
- The ZigBee Counter is at least 0.80 metres from any facing solid object

Bad locations:

- The ZigBee Counter is located in direct sunlight
- The ZigBee Counter is positioned where crowding or queuing are likely
- The ZigBee Counter is near or opposite reflective surfaces
- The ZigBee Counter is mounted behind glass or a solid object
- The ZigBee Counter is less than 0.75 metres from a solid object facing the beams
- Opposite or next to an existing infra-red counter/device including night vision CCTV cameras
- The ZigBee Counter is opposite an old beam-counter reflector (the ZigBee Counter does not use a reflector so remove any in line of sight)
- The ZigBee Counter uses/shares a mains power point that is repeatedly switched off and on during the day, or could be turned off accidentally during an upload
- The ZigBee Counter is placed inside a metal bracket (this may stop the wireless Zigbee signal).

Examples of ZigBee Counter installation

Plinth mount



Wall mount

