PEOPLE COUNTING SYSTEM: RC-ETH

Ufatech Ltd.

Function:
People counting system RC-ETH is used for incoming and outgoing traffic counting and visitors' flows analytics. For retailers, counting the number of visitors entering their stores provides an important indication of overall performance. Comparing people counting information to sales transaction data allows retailers to calculate their conversion rate or sales to visitor ratio. Conversion rate is valuable in helping retailers benchmark store performance across their entire chain and can aid in setting strategies and goals aimed at increasing sales.

General information:
RC-ETH is a set of two sensors and an Ethernet radio modem for data transferring. The sensors are made in a plastic case with a matte finish, resistant to scratches. The front side is covered with a dark film for sun protection. Operation is possible in the room at a temperature of 0 to +45 ° C.

Operating principle:
For the analysis of visitors' flow the algorithm of infrared beam interruption is used. When a person passes through the sensors the red or blue indicators determine incoming or outgoing direction. The memory accumulated logs are sent to the radio modem via 430MHz channel and then the logs are transferred to the company's server.

Specifications:

Detection Algorithm	IR beam interruption
Connection Interface	Ethernet
Display	Blue and red indicators
Real Time Clock	Built-in
Width of Detection	Up to 6 meters
Supply Voltage	9-12V
Batteries	4 x AA Type 2700mAh
Sensors Removal	Up to 100 meters
Memory	4GB
Manufacturer	Ufatech Ltd.
Sensors Dimensions, mm	50x80x16

Delivery set:

RCount Emitter	1 pc.
RCount Receiver	1 pc.
Ethernet modem	1 pc.
Brackets	2 pc.
Power Supply	1 pc.
UTP cable	1 pc.
Antenna	1 pc.