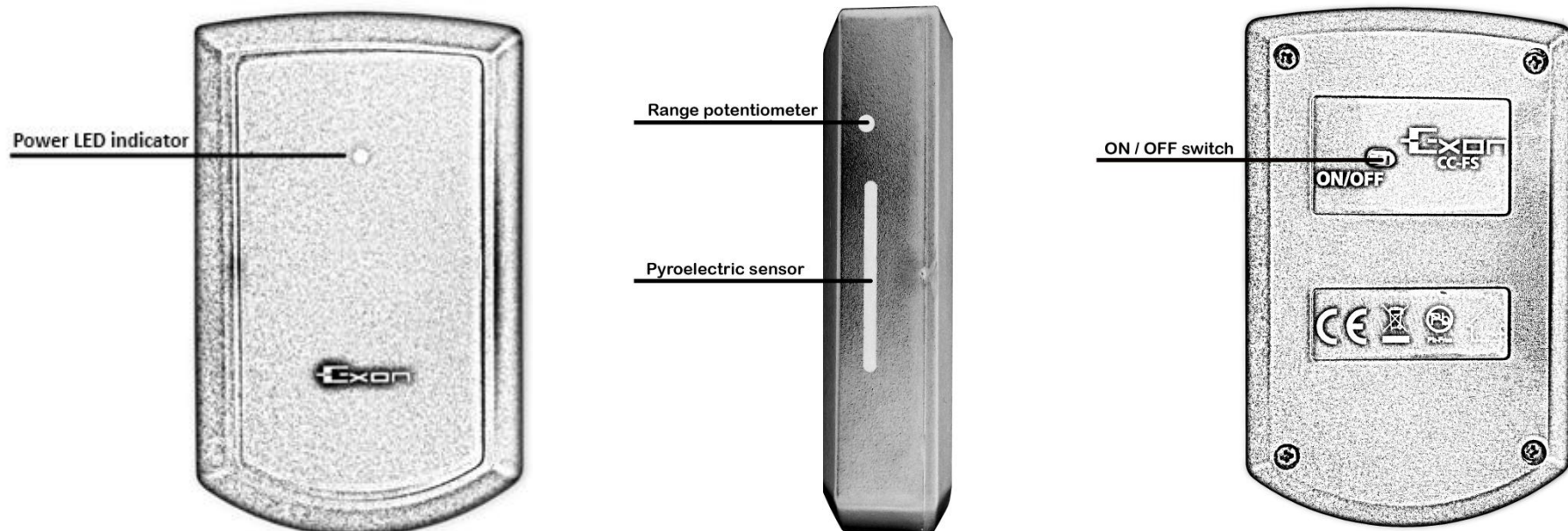




Electronic people counting system. Wireless pyroelectric sensor CC-FS.

Graphic description of the device:





Safety

Before use read the following instructions carefully. Failure to observe these instructions may result in injuries and damage to the device. This manual should be stored with care. In order to avoid unnecessary errors and accidents make sure that everyone using the device gets acquainted with its operation and safety functions. Please keep the manual and make sure that it is kept with the device in case it is moved or sold so that every user throughout its use period has appropriate information about the device's operation and safety. The device installation should be performed by qualified personnel. In order to keep life and property safety observe the safety rules specified in the user manual, as the manufacturer is not responsible for any damages caused due to negligence or misuse.

Device description

CC-FS is a modern, wireless pyroelectric sensor for counting persons. The modern solution eliminates the necessity to use a pair of sensors to make a barrier. Use of only a single sensor makes installation easier and allows use both as a horizontal and vertical barrier.

Main features

1. High efficiency thanks to detection of only moving persons
2. No false detections resulting from opening doors and the like
3. No requirement to lay cables thanks to radio connection
4. Possibility of installation both as a horizontal and ceiling barrier
5. Detection distance regulation
6. Low power consumption allows for constant operation even for up to 3 years.

Technical data

Power supply: integrated battery 3.6V 2400mAh
Communication: 2.4 Ghz ISM
Communication range: up to 30 meters of free space
Detection range: up to 5 meters (100 °)
Recalibration time: 3 seconds
Dimensions: L 90mm / W60mm / T25mm
Weight: 79g

Description of the symbols and sockets

Power LED indicator - signalizes detection of an entering and leaving person.

ON/OFF switch - allows to turn the sensor on and off.

Range potentiometer - allows to set the sensor's detection range. Dial set to the left denotes the minimum range. Setting the dial to the right denotes the maximum range.

Sensor – place where the pyroelectric sensor is located.

Device activation

1. Take all the devices out of the box.
2. Place the switch in ON position
3. Fix the sensor over the entrance (ceiling barrier) or on one side (side barrier)
4. After installation the sensor will perform auto-calibration. This process lasts for 10 minutes
5. If need be adjust the detection range to user's requirements



6. The sensor is ready for operation. Detection of a counted person is confirmed by a flash of a signalisation LED NOTE

7. Before installation carefully remove any fat from the surface to which the sensor is to be fixed with adhesive tape.

Note

The sensor reacts to changes of temperature within the detection area. Do not put the sensor in direct vicinity of hot or cold air sources such as air conditioning or fan. If placed by a direct entrance from outdoors the sensor should be located at an appropriate distance from the door. Do not fix the sensor near theft detectors. Failing to adhere to the above instructions may result in inappropriate operation of the sensor or even its damage.

CC-FS pyroelectric sensor can be installed both horizontally, for example on a anti-burglary shutters, and directly above the entry. Before installation carefully remove any fat from the surface to which the sensor is to be fixed. The sensor is ready for operation after start-up and 10-minute calibration.

Troubleshooting

No counts

The sensor was improperly installed or is out of switchboard's range. Make sure that the sensor is activated and that signalization LED is flashing when a person walks through.

False count

The sensor was fixed directly by the door and its opening causes temperature changes. In such case fix the device in an appropriate distance from the entry.

Do not use the sensor contrary to its purpose. Use only the accessories delivered with the device. The manufacturer is not responsible for damages resulting from improper installation of accessories.

Warning

The device electrical voltage. Before doing any activities connected with power supply(Wiring, installation of equipment etc.) make sure that the device is not connected to the electricity network. You must not to take apart the device. The device should only be used indoors. Protect the device from moisture, sunlight and temperature changes.

Atmospheric discharges may damage the counter, so during thunderstorms it should be disconnected from power by unplugging the power cable. Do not misuse the counter. Use only accessories supplied with the device. The manufacturer is not responsible for damages resulting from inappropriate installation of the accessories



Note

The crossed waste bin symbol on the product means that it cannot be thrown normal waste bins. By segregating the waste for recycling we help to preserve the natural environment. The user is obliged to hand over the used up devices to a waste collection point for recycling of waste coming from electric and electronic devices.