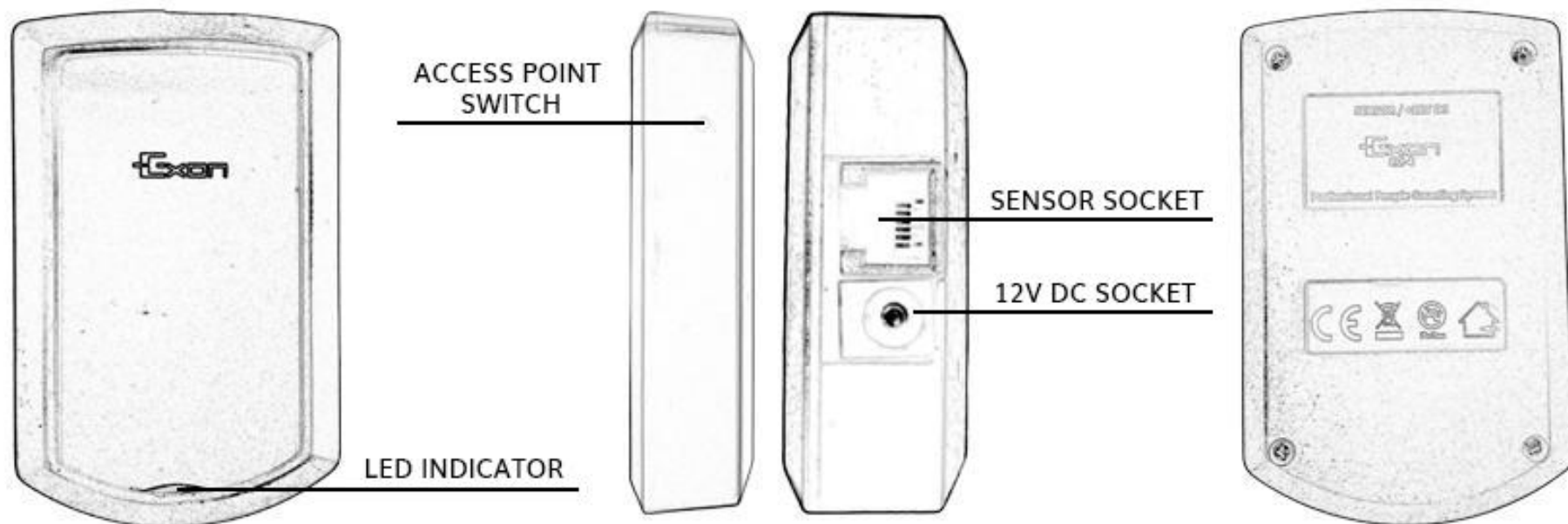




Electronic people counting system

Wireless and wire CC-4 counter

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.

Description of the device

CC-4 Counter is a modern wireless device used for counting people. The device communicates via Wi-Fi network and does not require an Ethernet cable connection. For proper operation it requires only a power source and configuration with an existing Wi-Fi network. The CC-4 control panel can work with either wired PNP LO sensors or with wireless CC-FS sensors. The central unit is a fully autonomous device and does not require a separate computer with installed software. Device can work in both single and directional mode.

Main features

- high efficiency due to the detection of only moving people
- no false detections caused by, for example, opening doors
- no need to route wires due to wireless connection
- it does not register faces of potential customers
- reducing assembly costs to a minimum

Technical data

- power supply: 12V DC
- network communication: Wi-Fi (WPA, WPA2, WEP)
- Internet protocol: TCP / IP
- data encryption: SSL (AES 256)
- authorization: CA certificate
- dimensions: length 92mm / width 58mm / thickness 22mm
- weight: 75 grams

LED Indicator

Specifies the operating status of the device:

- red color -> flashing red means that the device is working properly but is not connected to any Wi-Fi network
- blue color -> flashing blue means that the device has been properly configured and has access to the Wi-Fi network, but does not have access to the manufacturer's server. The cause may be very slow connection speed or no Internet access
- green color -> flashing green means the device is working properly (it has access to the Internet and the manufacturer's server)
- white color -> flashing white indicates the device has been damaged



Startup

- take the device out of the box
- use the AP button to enter the "Access Point" mode and enter the name and password of the Wi-Fi network
- verify the operating status of the device by controlling the LED color as described in this document
- mount the device as described in the installation manual
- visit the www panel to verify the counts and other statistics

Attention

The device has several operating modes. It can work in both single and directional mode. The selection of the single mode occurs by selecting the appropriate channels in the device (Figure 1). The CC-4 control unit can also work with the CC-FS wireless sensor.

Troubleshooting

Problems with counting - The control unit has been incorrectly installed or is out of range of Wi-Fi networks. Make sure that the device has properly configured access to the Wi-Fi network. Make sure that the sensor wire is correctly connected to the device (Figure 1). If you use a wireless sensor, make sure that the sensor has been activated and the distance between the sensor and the control unit does not exceed 30m.

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



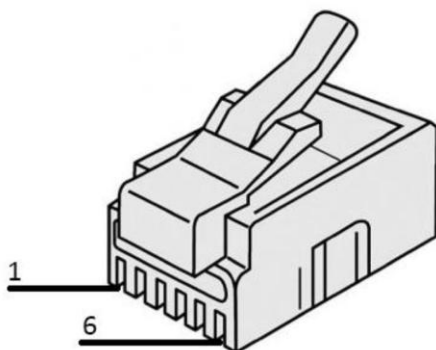
Note

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.



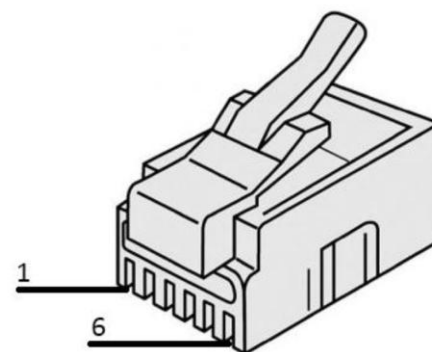
Wired PNP-LO sensors connection scheme (RJ-12 plug)

a) Single-directional mode



1. -->> +12V DC
2. -->> GND
3. -->> SIGNAL
4. -->> NC
5. -->> NC
6. -->> NC

b) Bi-directional mode



1. -->> +12V DC
2. -->> GND
3. -->> SIGNAL 1 (ENTRANCE 1 -> IN 1)
4. -->> SIGNAL 2 (ENTRANCE 1 -> OUT 1)
5. -->> SIGNAL 3 (ENTRANCE 2 -> IN 2)
6. -->> SIGNAL 4 (ENTRANCE 2 -> OUT 2)