



## Electronic people counting system. Wired counter CC-1.

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-1 counter is a modern, fully automatic device for statistics of visits made to a location. Thanks to the solutions used and the latest technologies the CC-1 counter will satisfy even the most demanding clients. Extended software delivered along with the device allows automatic generation of readable reports in PDF and XLS format on the computer's hard drive. In addition our software offers the possibility to send reports to the specified email address. The USB interface allows easy installation of the device. Additional accessories allow work with wired sensors. Thanks to well developed functionality and intuitive operation make our counter perfect for use in any location.

### **Main features**

- counts up to 99999
- regulated sensitivity of the device set via USB
- possibility to switch off LCD in order to hide the counting result
- alarm of the covering or lack of infrared barrier stored in memory
- non-volatile memory of both counters (Total, User)
- reset with a remote control or via USB (optional)
- error reporting on PC or LCD after each User counter reset
- compatibility with Omron and Cedes sensors
- dedicated software included in the price of the device

### **Technical data**

- voltage : 12V DC, 5.5mm/2.5mm plug
- power consumption : 300mA
- minimum switching voltage: 4,5V
- counter's sensitivity (delay) : 50 – 250 ms
- PC interface: USB Transmission parameters: 9600,8,N,1 (automatically assigned COM)
- dimensions : L107mm/W68mm/T25mm
- weight: 106 grams



### Description of the symbols and sockets

**Total value** – main counter, shows all the persons counted from making the first power connection. Reset is possible only after giving a security password.

**User value** – daily counter, shows values that are added to the main counter. Counter reset is possible only through software. It can be used as a daily counter, if reset everyday it shows the value from a given day and adds it to the main counter.

**Power LED indicator** – shows the device's working status. If lit it means that the device is in work mode even if the display is off.

**Wired sensor socket** – it is a port for connecting the wired sensor. The terminal diagram is described below and the sensor connection manual was delivered with the sensor.

**USB socket** – for computer connection in order to generate reports. The connection cable is a traditional "printer" cable, USB A-B type.

**12V DC socket** – for power connection. Working voltage of the device is 12 V DC, 5,5/2,5 mm pin.

### Starting the device

1. Take all the devices from the box

2. Connect power supply to network socket; by USB A-B cable connect power supply to the device (USB socket) or directly to USB port in your computer

3. The length of the cable connecting the wired sensor to the counter should not exceed 150m.

4. Install the software sent electronically or available at [www.myexon.com](http://www.myexon.com); follow the instruction attached below

5. The counter is ready for operation

### Installation of sensors

Regardless of the type of fitted barrier the infrared sensors should be fitted no higher than 130cm from the floor. Detailed fitting manual is in the sensor specification documentation attached to the client's counter.

### NOTE!

The counter does not keep a date and time record, these data is taken by the software from the operational system, access to full report is available only if the counter is connected to the computer and the software is running. All the changes introduced in the software e.g. entering the email address to which the reports are to be sent and the name of the location will be entered via the software automatically. The 'Reports' folder holds all the reports generated and ordered according to the execution dates. Total reset of the device is available only after a manufacturer pre-set security password is entered. The password cannot be changed. Keep the password from unauthorised persons. The password is available directly from the manufacturer.



### **Barrier error reporting**

In case of infrared barrier error sound signalization will turn on after about 15 seconds and E10 error code will be displayed on the LCD. Such errors are recorded in the device's memory and displayed with the number of entries after the counter is reset with a remote control. This function is available only with a wired sensor.

### **Troubleshooting**

#### **No infrared barrier**

Make sure that the sensors are fixed at the same level with a distance between them maximum 4m.

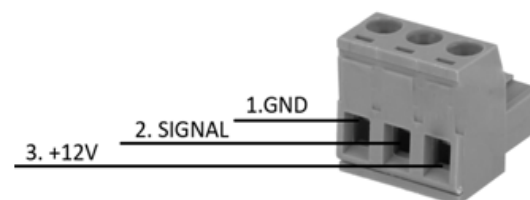
#### **No USB connection**

Make sure that the infrared barrier of the counter has the correct configuration, power and the USB cables are properly connected. The length of the USB cable should not exceed 3 meters.

#### **The device was not installed**

In case of older operational systems (Windows XP) manual installation of drivers may be necessary. In such case download the drivers FTDI FT-232 for the appropriate system, extract the folder to any catalogue and specify the access path. If the driver installation window does not open automatically mark the "driver update" option in My Computer -> device manager (uninstalled COM port marked with an exclamation mark).

### **Description of the wired sensor socket**

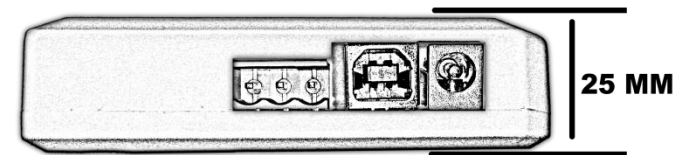
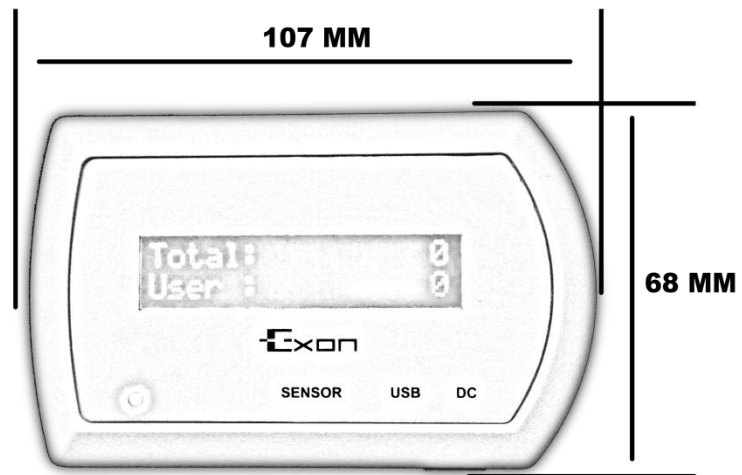


### **Warning!**

The counter has a output power for connecting wired sensor. It is not necessary to use additional power supply designed to power the sensors.



The pictorial drawings containing dimensions of the device.





### **Warning**

Electrical device under voltage. Before performing any actions connected power (connecting cables, device installation etc.) make sure that the device is not connected to power. Do not dismantle the device. The device should only be used indoors. Protect the device from humidity, sunlight and temperature changes.

Lightning can damage the counter so it should be turned off during storms by disconnecting the power cable. Do not misuse the counter. Use only the accessories delivered with the device. The producer is not responsible for damages caused by improper installation of accessories. Do not fix infrared barriers where the doors open. In such case the results could be distorted as a result of counting the opening doors. The sensors should be fixed so that the infrared barrier does not cover the open door leafs.

### **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.



The device has CE and ROHS declarations that are available from the manufacturer.