



Infrared barriers count passengers (BCP)

Made in aluminum and ABS of high resistance and with a reliability superior to 98%, they allow to differentiate, for the first time in the market, if it is one or two people passing at every moment, if they raise or they lower, if they are adult or young, numbers of blockades, etc.

This system in emergent countries mainly is used to avoid the fraud but, in advanced transport network, is the definitive solution to determine the origin-destine matrix.

System BCP of Busmatick, combined or with sale systems on board does not allow **“to place on board an inspector of each bus by a minimum cost”**.

Our recommendation is to equip the BCP with an **Xpia** module (GPS + GPRS + accelerometer) that turns it an independent system of control of passengers informing to the central station of the operation in real time.

General characteristics

- ABS and aluminum roughed case.
- Dimensions: 1100 x 30 x 60 mm.
- Weight aprox.: 1 kg.
- Extended rank of tension from 10 to 40 Vdc.
- Temperature of operation: of -10°C to 55°C.
- Electronic multi-layer norm staff (EC marked).
- Operating system in real time RTOS-XP.
- Flash memory and ram.
- Luminous and acoustic signals.
- Display LCD of 2 x 16 characters to visualize accountants.
- They can be connected in series up to 8 doors.

Communications

- A port of communications (RS232 or RS485) allows it to connect to an embarked logical drive as if a peripheral one it was.
- Another port RS485 is formed like a bus of data that unites the accountants of all the doors.
- It can lodge in its interior a module WiFi or Bluetooth for unloading of data.
- It can lodge a modem GPRS with or without GPS.

Central software

We can decide on a simple module of communications that receives at the end of the day the accountants and generates an Excel sheet, or use Web DQC to work in real time with our fleet knowing at every moment how many fleeing we have on board.