



APPLICATIONS
Air Quality



MAGGIORI CONTENUTI ONLINE

Access monitoring system for public and private transportation

- 2 high precision cameras for counting passengers entering and leaving
- Sound alerts when max capacity is exceeded (optional)
- UMTS modem for sending data on customer platform
- Easy to install

KIT-CPA-102 is an **access monitoring system** specifically designed for **public and private transportation**. It counts the number of passengers both in and out of the public vehicle using 2 cameras installed above each gate; when a preset threshold is exceeded, an announcer (optional) informs the passengers that the limit of guest presence in the vehicle has been reached.

Main functions of the cameras:- Automatic angle and focus management;- The accuracy of the count is not affected by passenger morphology, hair color and type of clothes and ornaments;- The counting accuracy is not affected by passengers passing side by side, crossing and blocking the passage;- With the status of the active bus door opener contact, the counting starts with the opening of the door, acquires real-time statistical data and concludes the counting when the door is closed;- It is not affected by weather conditions, shadows and outside light. Automatically activates the infrared filling light at night to ensure the same recognition accuracy;- Easy to install, supports 180° installation, strong adaptability to the environment. KIT-CPA-102 uses software setting to configure the working parameters, debug or export the backup data acquired from the cameras in the cloud at the customer platform via the **KET-GZE-310.24.U** gateway modem. Here they can be displayed for statistical analysis of the flow of people at certain times and places.

The devices are powered at 12/24 Vdc and a two pair cable is enough to power and connect both cameras.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP43 Operative Temperature: -35 ÷ +70 °C Storage Temperature: -40 ÷ +85 °C Relative Humidity:
CASE	Dimensions: 178 x 65 x 58 mm (W x H x D) Mounting: Material:
POWER SUPPLY	Supply Voltage: 12 ÷ 24 VDC Consumption: 3.6 W Connectors types: Screw terminal
RS485 INTERFACE	Supported Protocols: Custom baud rate and ID, multi-machine network supported Communication Rate: Isolation: Connectors types: Screw terminal
ANALOG OUTPUTS	Output Type: Video: PAL, NTSC system
RELÉ' OUTPUTS	Channels: With door opener contact in operation (IN), counts the number of passengers (entry/exit) and captures real-time statistical data. When the door release contact is not operating (OUT), it stops counting. Voltage Output: Maximum Rated Current: Isolation:
MODEM	Supported Protocols: UMTS 3GPP Radio Frequency: Antenna Type: SMA connector SIM Type: Mini-SIM
CERTIFICATIONS	Referends Standard: QC/T 413-2002; EN62471: 2008 Approvals: Security: Metrology:



No Information