



Vehicle Communication Computer

Vehicle Communication Computer (ViCOM) is a basic element of the Passenger Information System (PIS) equipped with a SIL computer. It is dedicated for public transport vehicles. It has been developed by an experienced team of constructors, in response to complex needs of our clients. Its modular design allows for perfect adaptation of the collection of applied interfaces to specific requirements of each project. Interface connectors are located on the front wall of the device, which facilitates installation and potential servicing of the device.

Available interfaces:

- GSM modem (2G,..., 4G),
- GNSS receiver (GPS/GLONASS/GALILEO),
- 1 x RS232 (only transmission) via NMEA protocol from GNSS receiver,
- 3 x CAN 2.0A/B,
- 6 x RS422,
- 1 x RS485,
- 1 x WGL,
- 4 x 1 Gb Ethernet (Switch) without PoE,
- 3 x 100 Mb Ethernet (Switch) (including 2 x PoE),
- 1 x RS232,
- 1 x TACHO signal input,
- 9 x digital inputs,
- 7 x digital outputs.

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Implemented functions:

- control of relays that trigger power supply sections of the system,
- digital outputs control,
- supply voltage monitoring,
- provides physical interfaces and Ethernet <> RS485/RS422/WGL/CAN conversions,
- digital inputs status monitoring,
- TACHO signal pulses counting,
- support for GNSS/GPS receiver.