

- IPIS/RS 485/ETHERNET/CAN - the central control computer
- The function DT 04 complies VDV 300
- F-STN display with resolution 320 x 240
- The effective visible area 120 x 90mm
- The virtual keyboard
- The control computer for the vehicle information system
- It is comparing the planned time table with the actual traffic situation, it determines the forerunning / delay
- It enables the autonomous control system or the control from the central dispatching



The onboard computer DT 04 is developed for the drivers of the new vehicles. All control functions of the computer control system of the public passenger transportation are contained in one integrated instrument. The intelligent technical and program facilities of the DT 04 are the guarantee of the efficient control vehicle instrument. The onboard computer DT 04 offers the high comfort and simple operation.

The functions

The board computer fulfils the following basic functions:

- The interface between the user (driver) and the control of the transport system
- The interface between the user (driver) and the radio network (data and voice transmission) over the radio communication adaptor (analogue, digital radio network, GSM, GPRS)
- The code interface for the system activation on the vehicle - the immobilizer
- The interface for the data insertion to the system by means of the touch memory only for the authorized user (Touch Memory Kontakt)
- The control and verification of the connected peripheral instruments (ticket marker, digital annunciator, inside and outside information panels, indicator of the uniform time and of the tariff section, the command receiver for the acoustic information of the blind and weak-eyed persons).



Specifications

CPU frequency	400 MHz
Flash capacity	64 MB
RAM capacity	32 MB
Operating system	Linux
Database	SQLite 3
Data security	The lithium battery for RAM and RTC
RTC, real-time	24 clock around, programmable
Interface	RS232 ,RS422(485), IBIS, CAN Ethernet 10Base-T/100Base-TX for WLAN The programming interface 8x1 bit entry ODOMETER 1 bit output 0,5 A MMC card
Operating voltage	16 – 32 V _{DC}
Current drawn	350 mA
Battery lifetime	1 year
Retention period of the saved data	10 years
Temperature range	-20 °C +60 °C
Dimensions	244 x 112 x 68 mm (W x H x D)
Weight	1,5 kg