Vehicle Computer System DC800

Ticket Sales

- Paper Ticket Sales
- Different Tariff Models possible
- Relation-based, zone-based ...
- Single Tickets, Subscriber Tickets
- Option Barcode Tickets
- Option Smart Card Sales and Add-Value

Smart Card Operation

- ISO 14443 type A/B smart card reader
- Secure Application Module ISO-001 Slots

Shift accounts

- Intermediate account; Final shift account; Multi-user mode with individual shift accounts

Data Communication

- On demand, event based, time scheduled, wake-up-on WLAN/GPRS or permanent

Help functions

- Dialogue support; Context-referred assistance; Company-specific assistance texts; Announcement of date and time; Company-individual configuration

Modes of operation

- Normal operation; Training operation (training print outs); Training plus (with short description); Administrator operation

Security functions

- Login with user names and password; Standby mode and high-speed reactivation; Data encryption; Repeated data storage; Transaction monitoring

System

Two-core 1 GHz ARM Cortex A9 industrial processor with real-time-clock; operating system Embedded Linux; memory SRAM 1 GB, SSD 8 GB, SD Card.

Driver touch-screen TFT-display screen size 8,4 Inch, resolution 800*600 Pixel, 65.000 colours, brightness 500 cd/m² , durably glass surface (Mohs 7) with brightness sensor; customer display 128*32 Pixel as OLED-technology.

Contact-less smart card reader with four SAM-slots, four coloured indication lights and a RGB-colour lightning smart card reader area.

Full-graphic thermo-printer with Easy-Load-System; printing speed up to 200 mm/sec, automatic paper cutter; paper level, paper end and paper jam detection by optical sensors; software controlled, lockable paper box.

Electrical interfaces: Power, IBIS (interface to inside and outside displays), serial, USB, Ethernet, CAN, digital I/O (ignition, door criteria …), antennas.

Communication interfaces: GPRS/UMTS/HSPA communication (option LTE); GPS with gyro-sensor for vehicle tracking; option Wi-Fi communication.

Key-lockable device mounting cradle with electronic vehicle memory.
All interfaces connected via one common 59-pin plug to the vehicle.

Housing dimensions 213 * 233 * 342 mm (H/W/D); weight 4,0 kg; operating environment -25°C to +70°C; water / dust protection IP54; E (Automotive).