

Ticket printer with integrated on-board computer

almex.optima cl offers perfect ergonomics for passenger and driver.



Features

- Easy integration in the driver's workplace
- All interface elements arranged with the passenger in mind
- Bright, tilting 8" colour touch screen
- Fast ticket printer with partial or full cut
- Easy to use interface
- Integrated computer for real-time information processing
- Very compact unit
- Transfer of driver shift receipt and tariff data via WLAN or GPRS/GSM
- Processing of all current eTicket procedures: ITSO, Calypso, VDV-KA
- Front entrance control
- Windows CE .NET

Optional

- 2D barcode imager
- NFC, Geldkarte
- Payment counter

The ergonomic and rugged hardware is presented in an attractive design for passenger and driver. Optionally, the almex.optima cl is available with an appropriate semi-automatic vehicle cash counter. Its functions are actuated by the ticket printer.

Back Office System

almex.office is a fully featured back office system available for use by head office central administration. Perfectly networked modules deliver all the data requirements of a modern transport operator.

- Easy to use
- Powerful tariff and master data administration allowing configuration of sophisticated tariff structures
- Convenient WYSIWYG ticket and layout editor
- Detailed statistical sales analysis via a user configurable report generator for example:
 - Service specific reports
 - Revenue distribution in multi-operator networks
- TCP/IP based data interchange via LAN or WLAN, driver module or GPRS/EDGE/UMTS
- Scalable hardware architecture based on well accepted market standards
- Server: MS Server 2003 R2, MS SQL Server 2005, Crystal Report, Client: C# .NET-Anwendung

Service

Apart from mature and proven products, the other prerequisite needed to ensure high availability of your ticket vending machines is perfect service. Almex offers a customised service package from telephone support through to complete on-site service. On request we will embed your existing service structures in an overall concept ensuring optimum technical support levels.



Technical data

Driver Interface	Bright, vertical $\pm 15^\circ$ tiltable 8.4" VGA or 10.2" WSVGA colour display with touch screen, automatic brightness control
Passenger Interface	Reflective and white backlit graphic customer display, 98 mm x 26 mm, free configurable character height, traffic light indicator for ticket status
Printer	Customized ticket design up to 82.5 mm paper width, 80–140 gm ² , 80 mm roll diameter 200 dpi thermal graphical printer Ticket print speed: up to 250 mm/s Optional format control Integrated cutter
Interfaces/ options	RS 232, RS 422, RS 485, IBIS (ma/sl), Almex-Highway Ethernet Digital I/O Optional WLAN 802.11g, GPRS/GSM, UMTS, GPS almex.smartfare interface Integrated chip card reader with or without contact (RFID) RFID card standards: LEGIC [®] , ISO 14443a/b, ISO 15693 Integrated ISO7816 high-speed SAM reader with up to 6 slots, 5/3/1.8 V, Contactless driver card reader with card locking
Case	Compact ergonomic design using high quality plastic Colour RAL 7046, RAL 9005 IP 54
Dimensions [in mm]	Footprint 232 x 255 (W x D), height 205
Base plate	Mechanical raster catch, lockable
Operating voltage	24–42 VDC
Accessories	Vehicle antennas WLAN Vehicle cash counter, optional with ultraviolet banknote detector, illuminated change presenter, electromechanic locking almex.smartfare validator for contactless cards
Licences	E-Certificate for vehicle installation VDV core application ITSO

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