

The New Generation Electronic Ticketing

Regardless of the vehicle's technical setup, it can be configured for stand-alone operation or interaction with modern board computers and control systems.



almex.smartfare handles everything from driver-operated ticket sales to the check-in / check-out system, ISO 14443a/b, ISO 15693 or Legic® cards regardless of encryption by hardware (SAM) or software.

almex.smartfare is based on Windows CE.net and can be modified to accommodate any tariff, backoffice system and vehicle interface. Data can be synchronised using either the integrated WLAN or through a connection to the wired on-board network.

The almex.optima driver ticket sales terminal ideally complements almex.smartfare, while almex.mobile excels in mobile use and as an inspector's unit. All three components are based on the same open platform and support the same card readers. This reduces the workload involved in the initial integration of your tariff and transaction data. Any later upgrades such as adding new services, card schemes or third party services are simplified.

Features

- Easily attached to pole or wall
- 2 line alpha-numeric display with 2 x 16 characters, 10 mm line height, reflective, white illumination for night-time use
- 0–8 hermetically sealed buttons
- Sound feedback, bright traffic light style status display
- All common card standards available (ISO 14443a/b, ISO 15693, Legic)
- Slots to accommodate up to 4 security modules (SAM)

- Transfer of tariff and transaction data via WLAN or wired using the new almex.highway+, RS 422/485/232 or Ethernet
- Compact dimensions
- Rugged flame resistant plastic case
- Customised front cover background
- Use of Windows CE.net 4.2® as operating system
- Can be modified to suit the customer's protocols
- Supports public standards such as VDV Core Application, ITSO
- E-licence for in-car installation

Backoffice System

Almex offers an accounting system with easy to configure software providing detailed statistical data.

- User-friendly
- Data exchange via WLAN or board computer/ticket printer synchronisation
- Configurable receipt
- Tariff and core data maintenance
- Windows NT, MS SQL database server, Crystal Report, ODBC
- Industry standard hardware and network components
- Detailed statistical sales analysis using any selection criteria such as
 - ▶ Line success calculation
 - ▶ Income distribution in integrated ticketing areas

Accessories

- Vehicle antennas
- WLAN base installation
- almex.mobile ticket inspector terminal

Service

Apart from proven and established products, perfect service is absolutely imperative to ensure high availability of your vending machines. Almex Information Systems offers a customised service package starting from telephone support through to complete on-site service. On request we will integrate your existing service structures into an overall concept ensuring you receive optimum technical support.

Technical Specifications

Interfaces / Options

- RS 232, RS 422 (almex.highway+), optional: RS 485, IBIS-Slave; Ethernet; WLAN 802.11b, USB-Slave Service Interface
- Digital I/O
- Connection to almex.optima or other board computer systems

Case

- Compact ergonomic design using high quality plastic

Dimensions

- 170 x 254 x 86 mm (W x H x D) (57 mm from the pole)

Mounting

- Mechanic raster catch, lockable
- Pole diameter: 30–40 mm

Operating voltage

- 24 VDC