THALES

LES 300 Entry and Exit Terminals

WILIX, THE PARKING STATION MANAGEMENT SYSTEM

BENEFITS

- Modular design
- Availability
- Easy to use
- Reliable and durable

A 3-dimensional parking station management system

Building on its high-level expertise in advanced technologies and its experience in car park payment collection, Thales has developed WiLiX - a high-tech solution combining exceptional stability, flexibility and ease of use.

WiLiX's 3-tier architecture **gives operators access to information in real time as well as powerful deferred-time functions and total interactivity.** All the equipment in this solution is networked using Ethernet and can interface with other systems including video, intercom, vehicle identification and licence plate recognition systems. Many services are also available on line through the internet.

Operation

Entry Terminal

The LES 300 Entry Terminal detects the presence of a vehicle, issues a ticket to hourly parking users and checks the validity of pass cards and pre-paid cards. It then sends all the data collected to the WiLiX server and authorises the opening of the barrier.

Exit Terminal

The **LES 300 Exit Terminal detects the presence of a vehicle,** verifies payment by hourly parking users, checks the validity of pass cards and pre-paid cards, accepts EMV bankcards, sends all the data collected to the WiLiX server and authorises the opening of the barrier.

LES 300 Entry and Exit Terminals: compact, accessible and expandable

Advantages

The **compact** LES 300 terminal has an embedded industrial computer system **to communicate with other equipment in the parking system** and an interface that allows it to operate in a downgraded mode totally transparent to the user. **LINUX** was chosen as the operating system because it provides **a high level of system stability**.

The use of **flash memory card data storage** and **cold processor** technologies reduces the number of moving parts and **enhances system reliability**.

Optimal integration of the banking function allows the terminal to be used in different ways.

The terminal has a **single slot for inserting** both tickets and payment cards **and is highly accessible for maintenance operations** because it can be opened on three sides. As a result, the LES 300 terminal is both easy to use and easy to maintain.

In addition, the LES 300 terminal can distribute **up to 8,000 tickets and receipts** before refilling: it is equipped with two 4,000-ticket containers and switches automatically to the second container when the first is empty, ensuring that no tickets are wasted.

Standard features

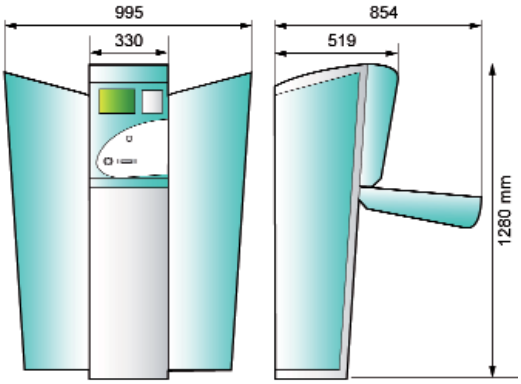
- 2-line backlit LCD screen
- Magnetic stripe card reader
- Push-button intercom system
- Management of contactless or magnetic stripe pass cards
- Permanent IP network connection
- Autonomous operation (memorisation of data required to process transactions)

Options

- Acceptance of credit / debit cards with PIN pad (EMV / MPAP) at car park exit
- CSC proximity reader (Standard 14443, type A / B / Sony)
- Acceptance of American Express and Total GR cards
- Acceptance of partner cards and pre-paid cards at access control points
- Loyalty programme management
- Payment by parking voucher and / or pre-paid card
- Adjustment of the number of parking vouchers permitted for each payment
- Reading of discounted tickets
- Production of electronic payment receipts (up to 8,000 receipts before refilling)
- 6.4-inch TFT colour monitor
- Connection to a licence plate recognition system
- Verification of actual passage of vehicle (fraud prevention for hourly parking users and pass card holders) at car park entrance
- Dedicated secondary voice-communication device
- Additional keyboard for managing online bookings
- Events management with ON / OFF inputs / outputs
- Integrated security video camera
- Customised colour

Technical characteristics

- Weight: 64 kg
- Ethernet network connection
- IP 43
- Energy consumption: 150 VA (+350 VA with heating system)
- Operating temperature: -10°C to +40°C



173F-062009A - Photos: Thales

Thales
Security Solutions & Services

Contact:
Centre du Bois des Bordes - BP 57 • 91229 Brétigny-sur-Orge Cedex France • Tel.: +33 (0)1 69 88 52 00