

Zeag-Orion^{XR} Automated Pay Station - APS



Orion^{XR} - A smart and effective decision.

To maximise profits and minimise costs in professional parking environments you need the most reliable, advanced and flexible systems available. That's why Orion^{XR} is a major step forward.

Swiss made and based on the proven Orion ZMS technology, the Orion^{XR} from Zeag provides a rock solid platform for any professional parking solution. The system's enhanced modular structure grants flexibility and practicality, with user-friendly software coupled with class leading security and global support.

Zeag specialises in precision revenue-generating parking and control solutions and is one of the world's largest international manufacturers, with over 4,500 successful installations across more than 23 countries on 5 continents.

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The Orion^{XR} Pay Station is a comprehensively flexible unit capable of working independently or as part of a ZMS network system. A variety of ISO standard cards and tickets are accepted through the station's single slot making transactions user friendly and effective. Customized tariffs and a wide range of payment methods (coins, bank notes, credit card, debit card, value and city card or electronic purse) facilitate and allow secure and fast payment transactions. The Orion^{XR} Pay Station is capable of proficiently serving one or a number of car parks and taking up to 350 payments per hour (according to payment methods and equipment configuration).

Controls and Housing

The cabinet's improved design allows optimum use of space and has a robust, corrosion-resistant housing. Controls are arranged in sequence by transaction occurrence for practicality and efficiency. The LCD display ensures a clear and legible view of user information even under poor lighting conditions. Assemblies are easily accessed for straightforward service and maintenance.

Payment Methods

The Orion^{XR} Pay Station securely accepts a vast range of payment methods including coins, bank notes, prepaid cards, bank cards, credit cards, smart cards, pre-coded credit tickets and tokens. Change is returned according to the station's specification either by coins and/or bank notes. The station's self-replenishing coin processing system checks and sorts up to 6 different coin denominations; bank notes are checked by a bank note accepting system and can recycle up to 3 different denominations.

Security

The Orion^{XR} Pay Station is protected by a multi-level locking system for maximum security. Multiple copies of the coded information are stored on the magnetic stripe to maintain excellent media readability. Segmental evaluation of data blocks and error correction logic guarantee high operational security. Fraudulent media with false and/or insufficient data are detected, rejected and retained by the system; similarly tickets that have not been taken by users are retrieved and retained. Transaction data is stored with power failure protection by means of a buffer battery for maximum security and data protection.

User Interface

- Multilingual display for user instructions
- Flashing push buttons and illuminated ticket slot
- Quick change inserts for accepted coins/notes and tariff information
- Remote support

Product Features

- Coin and note payment & change or cashless payment
- Prepayment of tickets
- Replacement ticket issue
- Reloading of magnetic & RFID value cards
- Stand alone operation or online with management system

Hardware Description

- Stainless steel cabinet 1.4301, RAL 9006 white aluminium
- Polyurethane front panel, RAL 5013 cobalt blue
- LCD (4x20 characters) or colour TFT (10,4" VGA; 8" visible)
- UCD with thermal printer
- Recycling coin system with 4 or 5 tubes or 6 hoppers
- Bank note verifier with intermediate cash till and stacking safe or bank note recycler
- Bank note dispenser with 2 or 3 cassettes
- Peripheral computer with RS232, RS422 and TCP/IP interfaces and zero potential inputs and outputs
- Heating/ventilation with thermostat
- Multi-level security system
- Thermal paper receipt printer

Technical Data

- Temperature: 0°C ...+40°C in protected (roofed) environment
- Power supply: 115 and 230 VAC +/-10%, 50/60 Hz
- Load: 900 VA (at -20°C)
- Weight: approx. 170 kg (incl. standard plinth)
- Width 880 mm; Height 1700 mm; Depth 577 mm (incl. plinth)

(Subject to change without notice)

Your authorised Zeag Partner