FeeMaster Smart Attendant's Console

Product Description

The FeeMaster Smart time-based parking management system provides a simple and cost-effective way of managing car parking access and controlling access validity periods, without the need for expensive cabling between components.

The system uses Mifare smart cards to hold access rights and validity time data. Each Entry Station provides information about the initial arrival time of each visitor. Cards issued at the attendant's console strictly control customers' access rights to car parks and facilities as well as the validity period.

The FeeMaster Smart attendant's console reads barcode entry tickets, calculates the fees payable based on pre-programmed tariff details, encodes Mifare access control cards and, if necessary, prints customer receipts and/or barcode exit tokens.

The console may also be connected to a PC so that transaction records can be analysed and additional tariff management features may be used.

Features

- Simple to install and operate
- Scans barcode tickets to determine time of entry
- Writes validity data to a Mifare smart card or prints a barcode exit ticket
- Data includes site code, card number, start date and time and finish date and time
- 3 easy-to-program modes of operation
- Up to 9 individual users can log on to the system
- Full administrator control over access rights
- Automatic fee calculation
- 3 Tariff Programmes (each with hourly & daily rates)
- Grace period setting
- 'No charge' days
- Lost ticket feature

Additional Features with Optional PC Software

Connection to PC via RS485 (options for permanent or temporary connection).

- Real-time event logging (permanent connection to PC)
- Event dump to PC (temporary connection to PC)
- Extended tariff options

Specifications

Electrical

Supply Voltage:	12V DC (in-line mains adaptor is included)
Output:	Power supplied to barcode scanner via serial interface (if connected)

Physical

Display:	4 lines x 20 character LCD
Keypad:	Membrane keypad with a set of numeric keys and a range of intuitive function keys
Visual Indicators:	'Encoded' LED (Green); 'Error' LED (Red)
Audible Indicators:	Alarm Buzzer for Errors and unauthorised access
Dimensions (mm):	93 x 150 x 280 (H x W x D)

Inputs

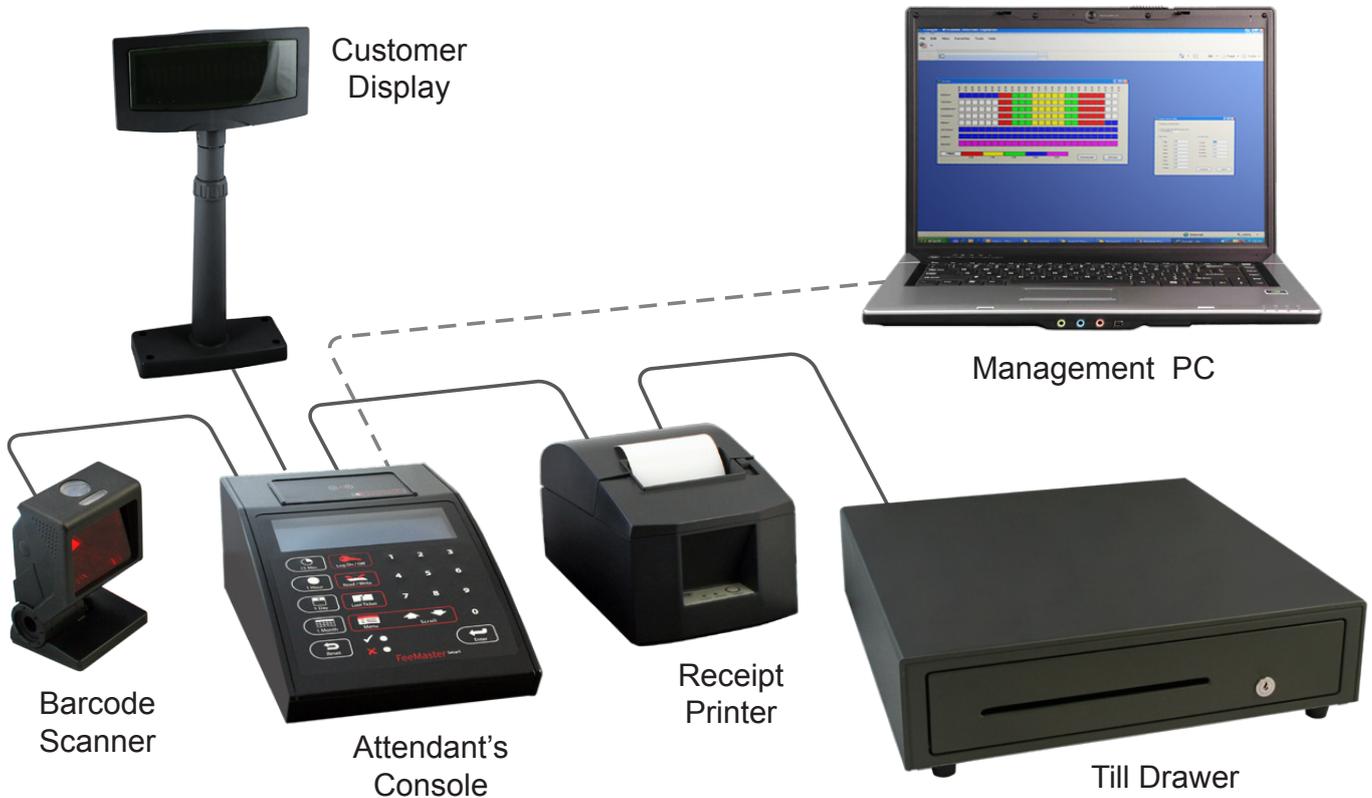|	
Barcode Scanner:	RS232 including power to scanner (9-pin D-type)

Outputs

Customer Display:	RS232 (9-pin D-type)
Receipt Printer:	RS232 (9-pin D-type)
Auxiliary O/P Relay:	Changeover relay contacts (rated at 1A at 24V DC.) for controlling an external device such as a barrier.

Data Communication

PC Interface:	RS485 (9-pin D-type) to USB converter at PC.

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Connection Details

Customer Display

Management PC

Barcode Scanner

Attendant's Console

Receipt Printer

Till Drawer

Ordering Information

ENC-FMS
FeeMaster Smart attendants console/encoder. Desktop unit with easy-to-use keypad, 4-line display screen & built-in card reader/encoder. Includes in-line mains power adaptor.

ENC-FMS-BCS
FeeMaster Smart attendants console/encoder. Desktop unit with easy-to-use keypad, 4-line display screen & built-in card reader/encoder. Includes in-line mains power adaptor and desktop barcode scanner unit.

PD-FMS
Customer fee display. Pole mounted with 2-line by 20-character back-lit display. Includes plug-top mains power adaptor and RS232 connection to the Feemaster Smart attendant's console.

CD-FMS
Cash drawer for use with FeeMaster Smart attendants console. Opens automatically when a cash transaction is executed. Requires BCP-FMS.

BCP-FMS
Barcode token/customer receipt printer for use with the Feemaster Smart attendant's console. Includes in-line mains power adaptor.

NT-FMS
Feemaster software for PC with additional tariff configuration and transaction auditing. Includes a USB/RS485 protocol converter.

Consumables

552-596
Paper ticket roll for use with BCP-FMS.

CARD-FMS
FeeMaster blank Smart card (minimum order quantity 20).