

Unipoints Value Load Terminal



A flexible Value Load Terminal

The Value Load Terminal is a cost effective, easy to use and robust terminal providing unattended cash loading facilities for closed user group smartcard payment schemes such as Unipoints.

The unit can be configured to accept bank notes or coins or both. A wide range of currencies can be accepted including Euros. Currency parameters can be configured and updated in the field. The unit accepts 14 types of notes in all directions as well as 12 types of coins and is designed to keep time-stamped records of each transaction in a non-volatile memory

The terminal has been manufactured from passivated 2mm mild steel and finished off using a vandal resistant epoxy powder painted coating

The solenoid eject smartcard acceptor comes complete with shutter mechanism to ensure no foreign objects can be inserted. The universal smartcard acceptor can handle both ISO7816 contact and ISO14443-A contactless cards.

A backlit 2-line 16-character LCD is fitted behind a 3mm Perspex vandal proof window.

A range of host interfaces are available including RS232, RS485, GPRS, Ethernet and radio modem (868MHz) to transfer information to and from the host system.



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Applications

School Catering: The terminal is used to re-charge students or pupils card for their school meals.

Event Catering: The terminal is used to re-charge customer's card for drink and food in outside catering events.

Leisure: The terminal is used to re-charge customer's card to allow access to leisure facilities

GIS can supply full customisation and build of terminals including branding and logos. Please contact GIS for further details.



Hardware Specification

- 8-bit single chip microcontroller
- 1280 bytes internal RAM
- 64k bytes internal Flash memory (program)
- Up to 256k bytes internal Flash memory (transactions)
- Ergonomic case design
- Backlit 2 line display with 16 characters per line
- RS232 / RS485 interface (optional Ethernet or GPRS with external modem)

•Coin Reader

- Euro-compliant, 12 coin acceptance.

•Note Reader

- Euro-compliant, 14 denominations x 4-way acceptance with anti-stringing.

Card Reader

- Soft landing contacts, - ISO7816 with 12V solenoid power eject.

Lifetime: 300,000 insertion cycles, entry protected by metal shutter

- ISO14443-A

General Information

- Weight: 16 Kg
- Colour: cream
- Input Voltage: 88-264Vac 50/60Hz
- Dimensions: 300 x 190 x 480 mm
- Operating Environment: 0 to +50C ambient, 10 to 90% relative humidity (non-condensing)
- Transit and Storage: -10 to +60C ambient, 5 to 95% relative humidity (non-condensing)

Standards an Approvals

CE: EN61000-6-1:2001, EN61000-6-3:2001, EN60950:2000, EN300 330-1 V1.3.1, EN 300 330-2 V1.1.1, EN301 489-3



General Information Systems

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