

V650

Contactless Validator



Key Features

CPU

- USIP MIPS32 4KSd 130MIPS @ 90 MHz
- 32 or 64 Mbytes FLASH
- 32 or 64 Mbytes DRAM
- 2 Mbytes SRAM (with battery)
Option: 4, 8 or 16 Mbytes
- E²PROM to store Electronic Serial Number 1 Kb (with SHA-1 protection)
- SD connector for memory expansion up to 512 Mbytes
- Real-Time Clock
- Watchdog
- Board temperature sensor

Electrical Interfaces

- 1 x 10 Base-T Ethernet port 802.3
- 2 x RS-232 ports
- 1 x RS-485/RS-422 port
- 2 x Digital inputs/outputs
- 1 x GPRS Quad Band (option)
- 1 x Turnstile interface (2 inputs and 1 output)
- 1 x One-wire chip (mounting kit)

Card Interfaces

- 1 x ISO14443 + I●Code: ISO14443 Type A/Band ISO15693 (MFRC632 Mifare®)
- 4 x SAM slots ID000 ISO7816

Human Interfaces

- 1 x LCD Graphic Display 160x80 pixels
- 1 x LCD TFT 320x240 pixels (option)
- 1 x Buzzer
- 1 x Keyboard up to 12 keys (option)
- 4 x Indicators (red, green, yellow and blue)

Power Requirements

- 9 to 36 V_{DC}

Temperature

- Operation: -25°C up to +60°C
- Storage: -25°C up to +70°C

Dimensions and Weight

- Height: 266 mm
- Width: 160 mm
- Depth: 108 mm (including mounting kit)
- Weight: approx. 1,5 kg (including mounting kit)

Environmental

- RoHS compliant (EN 2002/95/EC)
- CE compliant (EN 2004/108/EC)
- Automotive compliant E-number(EN 2004/104/EC)
- Housing: IP54