

MG750

Contactless Metro Gate Reader



Key Features

CPU

- Atmel 32 bit
- 64 MB SDRAM
- 4 MB NOR Flash (16 bit, bootable)
- 256 MB NAND Flash
- 2 MB Serial DATA Flash (bootable)
- 4 MB Video memory
- SDCARD connector (bootable)
- SPI EEPROM (option)
- Silicon Serial Number
- E²PROM to store Electronic Serial Number
- 1 Kb (with SHA-1 protection)
- Real-Time Clock
- Watchdog
- Board temperature sensor

Electrical Interfaces

- 1 x 10/100 Base-T Ethernet port
- 1 x RS232 port (RX, TX, RTC, CTS)
- 1 x RS485/RS422 port
- 1 x RS232 debug port
- 2 x Digital inputs/outputs
- 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
- 4 x SAM slots ID000 ISO7816

Human Interfaces

- 1 x Colour TFT Display (option)
- 1 x Buzzer
- 1 x Audio speaker (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

Environmental

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