

FAST ACCESS TO THE MULTI-LANE RETAIL ENVIRONMENT

Imagine a world where installing or replacing a device on-site is simple and fast, with quicker transaction speeds leading to increased throughput, the ability to access a new architecture does not mean massive infrastructure cost and finally where the reliability is one of the best on the market.

MagIC³ R-series

Take Your Future In Hand: Unmatched Performance and Security

- Open&Sec technology, boosted by two 32 bit-microprocessors, multiple communication options, the MagIC³ R-series is designed for the future.
- The technology kernel benefits from the MagIC™ experience incorporating the latest developments, freeing you to create applications without limit making the most of the processing power at your disposal. With impressive transaction speed: the PIN is validated, the receipt is printed at the cash register.
- With no compromise on security, Open&Sec meets all the latest security standards, protecting your transactions.

Simplify Your Life

- Download a software suite remotely, or locally in seconds with everything you need in your pocket... the USB Key. Maintain your installed base with greater simplicity to optimize your cost of ownership. The enhanced connectivity, the quality and robustness of MagIC³ R-series provide peace of mind for all your transaction needs.

Welcome To A MagIC³ World

- Optimized for mass payment, the MagIC³ R-series offers the ability to communicate via RS-232, USB, Ethernet to either an Electronic Cash Register or a bank server.
- Thanks to the Linux™ based software kernel, peripheral connection has never been easier, simply plug & play.



32 bit Architecture

Main processor
- 32 bit ARM9 microprocessor
- 200 MHz
- Memory Management Unit
Secure processor
- 32-bit microprocessor

Memory

8 MB flash, 16 MB SDRAM

Display

Graphical Display (128 x 64 pixels)
with Backlight

Magstripe Reader

Bi-Directional MagStripe reader
- ISO 1&2&3

Card readers

EMV 4.1
Internal readers
- 4 SAM readers SIM sized
- 3 SAM readers SIM sized
+ 1 full size SAM (optional)

Communications

MagIC³ R-5
- 1 Port USB 2.0 master
- 1 Port RS-232 (4 signals)
MagIC³ R-8
- 2 Port USB 2.0 Master
- 1 Port USB 2.0 Slave
- 1 Port RS-232 (4 signals)
- Ethernet 10/100 Base-T

Security

PCI PED certified
MCI PTS
APACS CC EAL4
Security algorithm: 3DES et RSA
Key Mgt: Master Session et DUKPT
SSL v3

Dimensions

Length: 19.2 cm
Width: 9.3 cm
Height: 7.8 cm
Weight: 400g

Environmental

RoHS
Operating Temperature:
0-45°C / 32-115°F
Relative Humidity: 90% maximum

Power Supply

AC : 100-240V, 50/60 Hz
DC : 7V, 3.4A

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