

# 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.

# MagIC<sup>3</sup> R-series

## Take Your Future In Hand: Unmatched Performance and Security

- Open&Sec technology, boosted by two 32 bit-microprocessors, multiple communication options, the MagIC<sup>3</sup> 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 MagIC<sup>3</sup> R-series provide peace of mind for all your transaction needs.

## Welcome To A MagIC<sup>3</sup> World

- Optimized for mass payment, the MagIC<sup>3</sup> 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

MagIC<sup>3</sup> R-5  
- 1 Port USB 2.0 master  
- 1 Port RS-232 (4 signals)  
MagIC<sup>3</sup> 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

[www.verifone.com](http://www.verifone.com)

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