

VersaRead™ VR300 Contactless Reader

HIGH SPEED CONTACTLESS READER



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CARD INTERFACE

- ISO 14443 Type A & B (T=CL)
- MIFARE classic protocol
- Working frequency: 13.56 MHz

OPERATING DISTANCE

- 4 to 6 cm for Visa PayWave or Mastercard PayPass cards,
- 5-7cm for MIFARE card

CPU

- 32-bit FLASH microcontroller family
- 256kb ISP FLASH with 64kb RAM

CRYPTOGRAPHY

- DES & 3DES (triple DES)
- RSA (key length of 1024 to 2048 bits)
- SHA & other hash functions
- MAC

SAM CARD INTERFACE

- 3 SAM card slots provided

LCD DISPLAY

- Graphical LCD display with 128×64 pixel resolution
- Able to support graphics, western and eastern language fonts

READER INTERFACE

- RS232 (standard)
- USB or RS485 (optional)

SUMMARY OF BENEFITS

- Incorporates the latest Contactless (RF) Technology
- Accepts payments to all recognised contactless standards
- Enables fast transactions with ease of customisation and integration
- Successful integration with leading brands of terminals: Hypercom, Ingenico, Sagem and Verifone
- Wide compatibility with a large range of leading POS and ECR hosts systems
- Single power source for both power and communications
- New and practical design takes up minimal counter space thus reducing clutter
- Large LCD display screen enables advertising opportunities for banks and merchants

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