R50 Contactless Card Reader

PAX's R50 contactless card reader is sleek and elegant, versatile and highly reliable, enabling retailers and consumers alike to conduct an increasing share of small-value payment transactions.

The stylish R50 readily connects to any electronic payment device for easy contactless upgrade.

The built-in buzzer signals the card holder when the card is read, providing reassurance that the transaction has been processed. The R50 supports the leading contactless MSD and EMV program specifications from Mastercard and Visa .

The R50 has a powerful 32-bit ARM 9 CPU and 12 MB memory that enable the development and operation of multiple types of payment applications.

The optional USB cable and large adjustable stand makes the R50 a flexible solution for a variety of installations.

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FEATURES & BENEFITS

- Supports contactless applications
  - MasterCard PayPass
  - Visa payWave
  - American Express ExpressPay
  - Discover Zip
  - Interac Flash
  - ISIS
- 4 ATM-style keys (optional)
- Large capacity memory
- Durable stand with wide range of adjustment angles
- Integrates smoothly to any stand-alone payment device

SPECIFICATIONS

Processor
32-bit ARM9

Memory
12MB (4MB Flash, 8MB SDRAM)
Up to 24MB (8MB Flash, 16MB SDRAM)

Contactless Card Reader
13.56MHz, ISO14443 Type A/B
Mifare®, Felica, NFC
4 RF Indicators

Card Slots
4 SAM Slots, ISO7816

Peripheral Ports
1 x RS232 or 1 x USB

Buzzer
95dB

Environmental
0°C to 50°C (32°F to 122°F) operating temperature
5% to 90% relative humidity, non-condensing
-30°C to 70°C (-22°F to 158°F) storage temperature

Voltage (optional)
External power supply
DC5V, 500mA

Physical
Reader:
Length: 137mm
Width: 88mm
Height: 28mm

Base
Length: 115mm
Width: 80mm
Height: 55mm

Weight
260g

Certifications
MasterCard PayPass
Visa payWave
American Express ExpressPay
Discover Zip
Interac Flash
ISIS
EMV Contactless L1

www.pax.us

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