R50 Contactless Card Reader

- Visa & MasterCard NFC
- 4 ATM-style keys
- Large capacity memory
- Durable stand with wide range of adjustment angles
- Integrates smoothly to any stand-alone payment device

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 24 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.

Your Payment Partner of Choice

R50 Contactless Card Reader

Features & Benefits

- Supports contactless applications
  - MasterCard Contactless
  - Visa payWave
  - American Express ExpressPay
  - Discover Zip
  - Interac Flash
  - SoftCard
  - QPBOC L1/L2
- 4 ATM-style keys (optional)
- Large capacity memory
- Durable stand with wide range of adjustment angles
- Integrates smoothly to any stand-alone

Specifications

Processor
32-bit ARM9

Memory
24MB (8MB Flash, 16MB SDRAM)

Display
Optional: 128 x 64 pixel LCD
White backlit
4 lines of display
4 Indicators

Contactless Card Reader
MasterCard Contactless
Visa payWave
ISO / IEC 14443 Type A/B, Mifare compliant
ISO / IEC 18092 (NFC, FeliCa)
Maximum effective distance up to 4cm
American Express Expresspay,
Discover Zip compliant

Card Slots
4SAM Slots, ISO7816

Peripheral Ports
1 x RS232 or 1 x USB

Buzzer
95dB

Environmental
0℃ to 50℃ (32°F to 122°F) operating temperature
5% to 90% relative humidity, non-condensing
-20℃ to 70℃ (-4°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 Contactless
Visa payWave
American Express ExpressPay
Discover Zip
Interac Flash
SoftCard
EMV Contactless L1
QPBOC L1/L2

PAX
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