R50 CONTACTLESS CARD READER

🔒 **Mastercard PayPass, Visa payWave**

🔒 **Compact design with large screen display**

🔒 **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 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.

PAX

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SPECIFICATIONS

Processor
32-bit ARM9

Memory
12MB (4MB Flash, 8MB SDRAM)
Up to24MB (8MB Flash, 16MB SDRAM)

Display
Optional: 128 x 64 pixel LCD
        White backlit
        4 lines of display
4 Indicators: Red, Yellow, Blue, Green

Contactless Card Reader
Maximum effective distance up to 4cm
Mastercard PayPass MagStripe, M/Chip
Visa payWave MSD, qVSDC
American Express ExpressPay

Contactless Protocol
ISO/IEC 14443 Type A/B, Mifare® compliant
ISO/IEC 18092 (NFC, FeliCa)

Card Slots
2 SAM Slots, ISO7816

Peripheral Ports
1 x RS232 Port or 1 x USB 1.1

Buzzer
95dB

Environmental
0°C to 50°C (32°F to 120°F) operating temperature
5% to 90% relative humidity, non-condensing
-30°C to 70°C (-22°F to 150°F) storage temperature

Voltage (optional)
External power supply
DC5V, 800mA

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

Base:
Length: 115mm

Width: 80mm
Height: 55mm

Weight
260g

FEATURES

- Large 4-line LCD Screen
- 4 ATM-style keys (optional)
- Large capacity memory for running applications
- Durable stand with wide range of adjustment angles

PAX

www.pax.com.cn

Corporate Headquarters
4/F, No.3 Building, Software Park,
2nd Central Science-Tech Road,
High-Tech Industrial Park,
Shenzhen 518057,
P. R. C.
T: +86 755 8616 9630
F: +86 755 8616 9634
E: market@paxsz.com

North American Branch
560 Broad Hollow Road,
Suite 100 Melville,
New York 11747,
USA
T: +1 631 2479 660
F: +1 631 7509 122

Asia Pacific Office
Room 2416, 24/F.,
Sun Hung Kai Centre,
30 Harbour Road, Wanchai,
Hong Kong
T: +852 2500 8500
F: +852 2598 0299