



R50

Contactless Reader



**Compact design
with large screen display
Ideal for a wide variety of
payment industry applications
Leading the new trend of contactless payment**



ISO 9001:2000

R50 Contactless Reader

R50 is a high-end stand alone contactless smartcard reader designed and manufactured by PAX. It contains a large LCD screen with size of 128×64, 32 bit CPU and embedded large memory. R50 can be connected with POS and Electronic Cash Register (ECR), which is the best solution to upgrade your payment system with the latest contactless payment technology. The programmable software structure is ideal for electronic payment and identification authentication industries. Moreover, R50 greatly improves the transaction speed, and card holders can experience the convenience that contactless payment presents.



Contactless Reader



32-bit CPU



Security System



Programmable

Specifications:

Default

CPU:	32-bit, ARM9
Memory:	2MB FLASH, 8MB SDRAM
LED Indicator:	4 (Red, Yellow, Blue, Green)
RF:	Maximum effective distance up to 4cm, compatible with ISO/IEC 14443 Type A/B, Mifare®
SAM slots:	3, ISO7816
Buzzer:	1
Peripheral Port:	1 RS232 Port
Working Environment:	Temperature: 0°C~50°C (32°F~120°F) R.H.: 10%~90% (non-condense)
Storage Environment:	Temperature: -20°C~70°C (-4°F~150°F) R.H.: 5%~95% (non-condense)
Dimensions:	Reader: 137mm × 88mm × 28mm (L × W × H) Base: 115mm × 80mm × 55mm (L × W × H)
Weight:	260g

Optional

LCD Display (128×64 pixel, 4 lines of display)
Keys: 4 ATM-style keys
IC card reader (1, EMV2000 and PBOC2.0 compliant)
External power supply

Key Features:

- Compact design with large holder, a wide range of adjustment angles allowable;
- ARM9, 32 bit CPU, 10MB memory, capable to load multiple applications;
- Optional 128 × 64 pixel LCD, 4 lines of display;
- 4 LED Indicators, 4 ATM-style keys;
- Supports programmable structure;
- Optional IC card reader, EMV2000 and PBOC2.0 compliant;
- 3 SAM Slots, ISO 7816 compliant;
- ISO/IEC 14443 Type A / B, Mifare® compliant;
- PBOC qPBOC, MasterCard PayPass, Visa payWave compliant;
- ideal for electronic payment, identification authentication, etc.

 **PAX Technology Limited**

Hong Kong
Room 2416, 24/F, Sun Hung Kai Centre, 30 Harbour Road,
Wanchai, Hong Kong
Tel: +852-25888800
Fax: +852-28023300

www.pax.com.hk

Shenzhen
4/F, No.3 Building, Software Park, Second Central Science-Tech Road,
High-Tech Industrial Park, Shenzhen, Guangdong 518057, P.R. China
Tel: +86-755-86169630
Fax: +86-755-86169634