

## NEW8210

NEW8210 is a high performance and multiple function POS terminal. With its high security features and all in one design, the NEW8210 offers perfect payment solution.



### Feature

- High secure, PCI PTS 3.x approval.
- Supports multiple tasks and multiple applications.
- Elegant and slim design, convenient swiping card vertically.
- Leading secure ARM11 processor(400MHz), outstanding performance in mass data and EMV transactions.
- Supports loading multiple applications. Multiple choices of integrated communication modules, such as GPRS, CDMA, WI-FI, PSTN and Ethernet.
- High speed thermal printer, up to 25 line/sec, easy load style, adjustable print gray, supports printing dual layer paper
- EMV4.3(Level 1&2), PBOC3.0, QPBOC3.0, CCC, CE, RoHS approved.



### Detail



### Size

195\*89.5\*56mm (L\*W\*H)



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### SPECIFICATION

Model	NEW8210
Operation System	Linux
CPU	32-bit secure CPU, ARM11, 400MHz
Memory	128MB FLASH, 64MB SDRAM
Display	2.8" TFT LCD, 320*240
Keypad	10 alphanumeric keys, 8 function keys, 1 power switch key
Magnetic Card Reader	Compliant with ISO7811, ISO7812. Track 1/2/3, bi-directional swipe. Supports smart error correcting
IC Card Reader	1 user card (EMV4.2), supports SLE4442 / SLE4428 memory card
PSAM Slot	2(optional 3) PSAM slots, compliant with ISO7816 Supports PPS protocol, up to 300kbps
Internal Pin Pad	Supports dual and triple length TDES Supports RSA, AES
Communication(internal wireless)	GPRS/ 3G/ CDMA (2000 1X 800mhz)/ Wi-Fi. Supports full SSLv2/3 TLSv1, Supports 2sim GPRS slots for option
Remote Download	Supports New TMS or FTP remote download
Peripheral Port	1 RS-232. Output: 5VDC 500mA, 1 USB mini.
Printer	High speed thermal printer: up to 28 lines/sec (75mm/sec). Easy-load style Paper width:58 +/-1mm. Paper roll outside diameter: 38mm
Language	Supports Chinese, English, French, German, Latin, Russian, Arabic, Vietnam etc
Power Supply	Input: 100 ~ 240VAC, 50Hz/60Hz. Output: 9.5VDC, 2.5A
Li-ion Battery	2600mAh, 7.4V, more than 40 hours standby time, supports 400 transactions
Working Environment	Temperature: 0°C ~ 50°C(32°F ~ 122°F) Humidity: 10% ~ 90% (non-condense).
Storage Environment	Temperature: -20°C ~ 60°C(-4°F ~ 140°F) Humidity: 5% ~ 95% (non-condense)
Dimensions	195*89.5*56mm (L*W*H)
Weight	495g
Usage Fields	Bank, lottery ticketing, sport betting, bus(taxi, parking, transport fields), recharging(top up), post office, supermarket(shop, online shop, coffee shop, store), restaurant, hotel, kiosk, booth, gas station etc
Software Support	Programmable under C/C++ language, providing tech support and SDK
Certifications	CCC, CE, RoHS, PCI PED, EMV4.2 Level 1 & 2, PBOC2.0
<b>Options</b>	
Optional Communication	CDMA 800Mhz, PSTN, GPS
WIFI	802.11b/g, support SSLV2/3 TLSv1
Barcode Reader	1D ccd redlight 1D laser 2D & 1D
LAN(Ethernet)	10Base-T/100Base-T, supports full SSLv2/3 TLSv1
Contactless Card Reader(RFID)	Supports Mifare classic, Mifare Ultralight, Mifare DESFire, ISO 14443 A & B, SONY FeliCa, Apple pay
3G	WCDMA Or CDMA2000 Or TD-SCDMA
Accessories	Leather case, backup battery, car jack charger