



8300

Hand-held Mobile POS

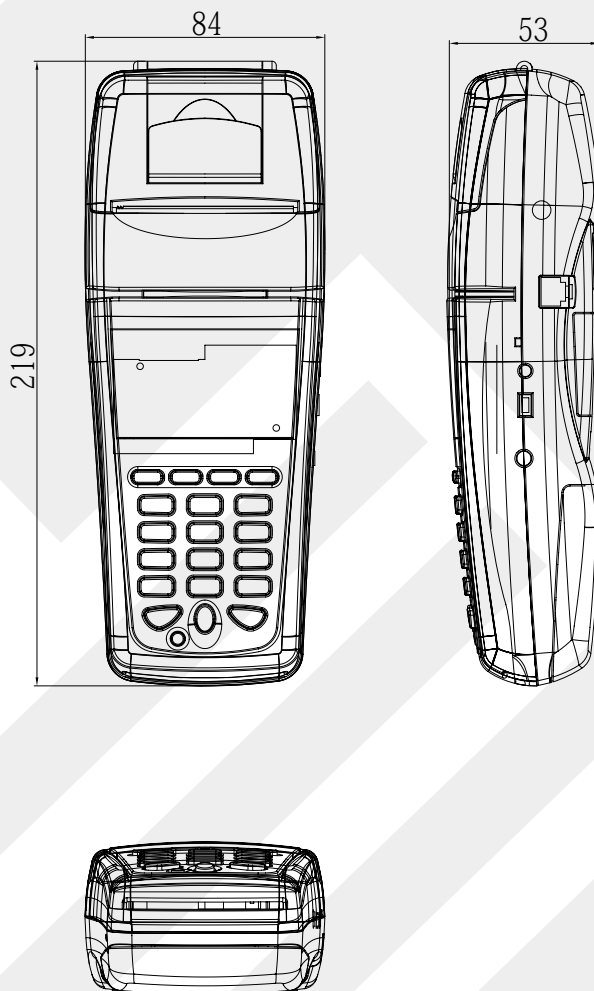


The 8300 has a good and innovative design, superior performance. Moreover, it is compact and lightweight. The 8300 supports wireless communication (GPRS/CDMA), high speed MODEM and printer and is certified for electronic transfers of financial cards (magcard/IC). It can be used in various applications, such as mobile payments/ logistics, hospitality payments and many more.

Product Features

- Compact and lightweight (450g)
- Passed EMV Level 1/2 and PBOC 2.0 Level 1/2 authentication.
- Supports multi applications.
- Battery capacity 2100mAH, resulting in more than 200 consecutive prints and a stand-by time of more than 60 hours.
- Supports wireless communication (GPRS/CDMA).

Dimensions (mm)



Models

Config. Model	RS232	GPRS	CDMA	Modem	Descriptions
NL-8300M	√			√	RS232 + Modem
NL-8300G	√	√		√	RS232+ GPRS + Modem
NL-8300C	√		√	√	RS232+ CDMA + Modem



CPU	32 bits RISC chip
SRAM	512KB bytes
Flash Memory	4M bytes Flash
Clock	Display year, month, day, hour, minute, second
Card reader	Meet the standard of ISO7810, ISO7811 and ISO7812. Can read ISO 1/2/3 track, support double way swiping.
LCD	128*64 LCD, using EL uniform backlight, can adjust contrast, display standard ASCII character, international GB18030/GB2312 Chinese ideograph and graphics document.
Keyboard	12 alphanumeric buttons, 6 functional host-keys. Various buttons, such as up, down, menu, 10 numbers (0-9), * and #, cancel, backspace and enter button. Some of these can be multiplex, like * and ., # and alphabet, menu and power. Combination key. are also supported
Character Database	Build-in GB18030 international large character set Chinese character database.
IC Card	Supports read and write CPU cards and memory cards which meet the standard of ISO7816; supports Chinese financial IC card criterion and meets the EMV standard.
PSAM Card	Supports two PSAM cards, can read and write the CPU card which can meet the standard of ISO 7816, support Chinese financial IC card criterion.
Outside Interface	One RS232 serial port
Printer	Supports thermal print, able to print graphics and various barcode types. It uses 58MM thermal printer paper, and it is easy to reload paper.
Communication	RS232 serial port: serial transfer rate is 1200-115200bps; communication parameters can set by the user. Base transfer rate is 57600bps. Wire Modem: can be installed in POS or base, synchronization is 1200BPS, asynchronism is 1200/2400BPS. Wireless modem (option): built-in wireless modem, supports GPRS and CDMA. Infrared: Between POS and base, transfer rate 57600bps.
Battery	Battery capacity 2100MAH, resulting in more than 200 consecutive prints and a stand-by time of more than 60 hours.
Working environment	Temperature: 0°C-+50°C Relative humidity: 5%-95%
Dimensions	216mm(L) * 83mm(W) * 50mm(H)z
Weight	450g
Encryption and Security	Support DES/3DES encryption, support ASNI X9.9 and ANSI X 9.8 arithmetic
Development Environment	C language meet the standard of ANSI, development platform under the WIN9X/ME/XP/2000
Document system	Perfect chronological file system, blacklist document system.