



# NLS-PP310

## PORTABLE LABEL PRINTER

### FEATURES

○ **Ergonomically designed, one-hand printer**

Lightweight and mini size make it easily carried and operated in one hand, which reduces the user's fatigue meantime

○ **High Printing Speed.**

Up to 76mm/s print speed let the shipment receipt print less than 3S and highly enhances the efficiency

○ **Strong Durability**

High protection IP 42 and 1.5m drop make it durable in the challenging outside workplace

○ **Reliable print head**

NLS-PP310 uses reliable print head technology to improve the print head lifetime and still can provide clear and fast printing.



Reliable Label Production



High-Speed Printing



One-hand Printer



IP sealing



Drop



Bluetooth

# NLS-PP310

## Performance

Resolution	203dpi x 203dpi
Printing	Direct Thermal
Max. Print Width	72mm
Max. Print Speed	76mm/s (receipt printing); 50mm/s (label printing)
Programming Language	ESC/POS, CPCL
Memory	FLASH:4MB; SDRAM: 8MB
Interface	USB, Bluetooth 4.0
Sensor	Black Mark, Gap, Media Out sensing

## Media

Media Type	Direct Thermal media, continuous receipt, black mark receipt, gap label
Media Roll Size	Max. outer diameter: 40mm Max. width: 80mm
Media Thickness	Continuous receipt/black mark receipt: 0.06mm-0.10mm Label: 0.06mm-0.16mm
Media Cutting	Tear off

## Characters/Graphics/Symbologies

Symbologies	1D(ESC/POS): UPC-A, UPC-E, JAN13 (EAN13), JAN 8 (EAN8), CODE39, ITF, CODABAR, CODE93, CODE128 2D(ESC/POS): PDF417, QR CODE, MAXICODE, GSI 1D(CPCL): UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN8), CODE39, CODE93, Interleaved 2 of 5, Interleaved 2 of 5 with checksum, CODE128, UCC EAN 128, CODABAR, MSI 2D(CPCL): PDF417, QR CODE
Characters	Standard Font A (12x24), Font B (9x17), user-defined characters Kanji (24x24); support Chinese (2312), English (ASCII), support Simplified Chinese (18030 or GBK), traditional Chinese, English, Japanese, Korean (Optional), can download custom characters to FLASH or RAM
Graphics	Binary unformatted bitmap, HEX, BMP and IMG image files can be downloaded to FLASH, RAM

## Physical

Dimension	109mm(L)x105mm(W)x51mm(H)
Weight	330g (with battery)
Power Adapter	Input: AC 100~240V, 50/60Hz; Output: DC 12V±0.6V, 1A
Battery	1400mAh Li-polymer Battery
Charging Time	2.5-3 hours
Sealing	IP42 with waist bag
Drop	1.5m
Reliability	Print head lifetime :50Km(Standard test condition)

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## Software

SDK Windows, Linux, Android, Mac

## Certificate

Certificate CE, BIS

Specifications are subject to change without notice.

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Version: V1.0

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