



**Newland AIDC**  
Scanning Made Simple



# NLS-LP410

## DESKTOP LABEL PRINTER

### FEATURES

- **High printing speed**  
NLS-LP410 can achieve 150mm/s (6 IPS) printing speed to provide a perfect assist for operator to improve the printing efficiency, especially for the shipment bill printing in logistics, warehouse.
- **All-in-one communication interface**  
NLS-LP410 built-in triple interfaces (RS-232, USB, LAN) in one mother board, which provides more flexible connections and reduces cost of inventory management.
- **High reliable print head**  
NLS-LP410 is using a thick-film print head technology to improve the print head lifetime greatly and still can provide a clear and fast printing.
- **FREE Bartender label software**  
Provides free Bartender ultralite version for Newland and seagull driver to make label printing much easier and economical.



Triple Interface



Bartender



Reliable Label Production



High-Speed Printing

# NLS-LP410

## Performance

Resolution	203dpi (8dots/mm)	300dpi (12dots/mm)
Printing	Direct Thermal/ Thermal Transfer	
Max. Print Width	108mm	105mm
Max. Print Speed	152mm/s	100mm/s
CPU	32bit RISC MPU	
Programming Language	BPLE, BPLZ, BPLT	
Memory	FLASH:8MB; SDRAM:32MB	
Interface	USB, serial port, Ethernet port	

## Ribbon & Media

Media Type	Continuous paper, label paper, marked paper etc.
Media Roll Size	Max. outer diameter: 127mm Max. width: 110mm Inner diameter: 25mm/38mm
Media Thickness	0.06mm~0.20mm
Ribbon core Inside Diameter	12.5mm/25.4mm
Ribbon core outside Diameter	Max. 65mm
Ribbon Standard Length	Max: 300m
Paper Cutting	Tear off

## Fonts/Graphics/Symbology

Symbologies	1D: Code39, Code93, codabar, Code128(Subsets A, B, and C), EAN-13, EAN-8, UPC-A, UPC-E, UPC/EAN Extensions, Planet Code, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, GSI DataBar (RSS) 2D: PDF 417, MicroPDF417, QR Code, DataMatrix, MaxiCode, GSI Composite
Fonts	Built-in 7 dot matrix fonts and 1 vector font, support users to download dot matrix fonts and vector fonts
Graphic magnification/rotation	Four types of rotation printing are supported: 0°,90°,180°,270° Dot matrix fonts support up to 10 times magnification Vector fonts support infinite scaling
Graphics	Binary unformatted bitmap, HEX, PCX, BMP and IMG image files can be downloaded to FLASH, RAM

## Physical

Dimension	278mm(L)x218mm(W)x185mm(H)
Weight	2.3Kg
Buttons and LED	1 button and 2 LED
Power Adapter	Input: AC 100~240V, 50/60Hz; Output: DC 24V, 2.5A

## Environmental

Operating Temperature & Humidity	+5°C~45°C (45°F~113°F), 20%~90% (40°C/-40°F)
Storage Temperature & Humidity	-40°C~60°C (-40°F~140°F), 20%~93%(40°C/-40°F)

## Software

Driver	Windows Seagull driver
SDK	Windows, Linux, Android, Mac
Label Software	Bartender Ultralite version customized for newland

Specifications are subject to change without notice.

2024/4/10

Version: V1.1

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