

CLNX Series Industrial Label Printer

The CLNX series are industrial thermal printers designed to deliver mid-range and high-end printing within one complete solution. They are engineered to deliver high printing accuracy and quality at high speeds. Cost savings can be achieved due the range working with a wider selection of media including small sizes. The performance is suitable for operation in a variety of industries ranging from manufacturing, food industry, automotive, retail, to healthcare and many more.

Key Features

Direct thermal or thermal transfer printing

Intuitive operation & on-screen video guidance

Available in 203dpi, 300dpi, and 600dpi

Available as 4 and 6inch formats

Tool-free maintenance

Speed of up to 14ips

Optional RFID encoder

Optional linerless operation



A premium range of industrial thermal printers designed and manufactured to be simple to operate and durable in use. The sturdy construction and tool-free maintenance allow easy access to ribbon and material reels. The full-colour LCD screen is easy to use and provides valuable on-board instructional videos. There is simple to adjust settings in both software and hardware to easily achieve optimal performance for any media

The printer can print at high speed with a high resolution 600dpi. It will automatically go into low power standby mode when not in use, to reduce energy consumption. This model also includes a broader selection of media, including reduced label sizes which saves on costs and boosts sustainability. UHF and RFID upgrade kits are available to provide customers a cost-effective solution to integrate RFID technology into their operation. Linerless options are also available.

TECHNICAL SPECIFICATIONS

Dimensions (H x W x D):

CL4NX Plus: 321 x 271 x 457mm

CL6NX Plus: 321 x 271 x 457mm

Weight:

15.1kg

20.3kg

Construction: Metal casing, die-cast aluminium frame with bi-fold door

USER ENVIRONMENT:

Operating Temperature: 0°C to 40°C (40°F to 104°F)

Operating Temperature: 5°C to 35°C (41°F to 95°F) running linerless

Relative Humidity: 30% to 80% non-condensing - 30% to 75% non-condensing running linerless

Storage Temperature: -20°C to 60°C (-4°F to 140°F) Storage Humidity: 30% to 90% non-condensing

PRINT TECHNOLOGY:

Printer Type: Thermal Transfer (TT) Direct Thermal (DT)

Printhead: 8 dots per mm (203 dpi) 12 dots per mm (300 dpi), 24 dots per mm (609 dpi)

Max. Print Width: 104 mm (4.1 in)

Max. Print Speed: 14ips @ 203dpi, 14ips @ 305dpi, 6ips @ 609dpi

Memory: CPU1: 2GB ROM, 256MB RAM, CPU2: 4MB ROM, 64MB RAM

COMMUNICATION:

Communication Ports: USB 2.0 (Type A & B), RS232C, IEEE1284, EXT, NFC, Ethernet (IPv4/v6) supporting: TCP/IP, LPR, FTP, SNMPv3, NTP, HTTP, DHCPv4, Stateless Auto Configuration, Stateful Auto Configuration (DHCPv6)

MEDIA:

Media Types: Fanfold or roll die-cut labels, plain paper, synthetic paper, or continuous paper.

Materials: Vellum labels & paper, matt coated, glossy coated

Core Diameter: 76.2 mm (3in) – 101mm (4in)

Maximum Roll Diameter: 265 mm (10.43 in)

Media Width Range: 22-177mm (0.86-6.97in)

Media Thickness Range: 0.06–0.268 mm (0.002–0.011in)

Media Sensing: I-mark Sensor (Reflective), Label Gap Sensor (Transmissive)

OPTIONS:

Cutter, Linerless Cutter, Dispenser with Internal Liner Rewinder, Real-Time Clock, Wireless LAN (AC), Barcode Checker, External Rewinder, External Cover, RFID UHF & HF, Rotary Cutter

Reflex Systems offer a full range of consumables products for your printer: labels, ribbons, print heads and spare parts. Reflex can configure and supply rewinders and applicators to create an automated workflow.

SERVICE COVER:

Reflex operate with our own team of field service engineers (all OEM trained) offering 8 hour on-site response (office hours), parts and labour or labour only contracts, to ensure you have cover for your critical activities.

For more information

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