



# CL4NX™

## SATO, Beyond Expectation

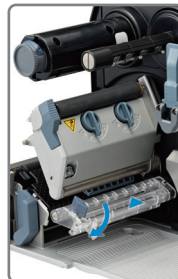
SATO's first truly UNIVERSAL Industrial Label Printer engineered for the most demanding printing applications

### Simple-to-Operate



- Full Color Interactive LCD
- Videos that Offer Valuable Information on the Printer Operation
- Intuitive Menu Navigation
- Tool-less Maintenance

### Plug-and-Play



- LTDS (Label Tension Damper System)
- Flexible Media Support - Use Wound In or Wound Out Media
- High Energy Mode - Prints on a Wide Variety of Stock Types

### All-in-One



- Multiple Interfaces - Auto Switching
- Competitive Emulations On-board
- Multi-Language Support

# GENERAL SPECIFICATIONS / CL4NX™

## PRINTER MODEL

CL4NX

## PRINT SPECIFICATIONS

### Print Method

Direct Thermal or Thermal Transfer

### Print Resolution

203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	609 dpi (24 dots/mm)
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### Print Speed

10 ips (254.0 mm/sec)	8 ips (203.2 mm/sec)	6 ips (152.4 mm/sec)
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### Print Mode

Continuous, Tear-off, Cutter, Dispense

### Print Area

#### Maximum Width

4.1" (104.0 mm)

#### Maximum Length (Continuous mode)

98.43" (2500.0 mm)	59.06" (1500.0 mm)	15.75" (400.0 mm)
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## MEDIA SPECIFICATIONS

### Sensor Type

Adjustable Transmissive Sensor for Gap,  
Adjustable Reflective Sensor for Black Mark,  
Paper End, Ribbon Near-End/End

### Media Type

Roll (Continuous, Die-cut), Fan-fold, Tag, Ticket

### Media

#### Width

0.87" (22.0 mm) - 5.04" (128.0 mm)

#### Thickness (label & liner)

0.002" (0.060 mm) - 0.011" (0.268 mm)

#### Roll Diameter

Maximum 8" (203.2 mm) on 3" (76.0 mm) ID Core  
Optional 10" OD

#### Wind

Face-in / Face-out, No Setting Change Required

### Ribbon

#### Width

1.55" (39.5 mm) - 5.04" (128.0 mm)

#### Length

1,968.5 ft (600 m) on 1" (25.4 mm) ID Core

#### Roll Diameter

Maximum 3.54" (90.0 mm)

#### Wind

Face-in / Face-out, No Setting Change Required

## SATO Genuine Consumables

For Maximum Print Quality and Optimum  
Use, SATO Recommends The Use of SATO  
Genuine Consumables

## MEMORY & PROCESSING SPECIFICATIONS

### Dual CPU

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

## USER FRIENDLY SUPPORT TOOLS

### Large Status LED

Blue/Red

### Alarm Sound

Beep (3 volume setting)

### Self Diagnosis

Head Check, Cutter-Cover Open,  
Stand-by mode, Auto-Calibration

### Display Panel

3.5" Full Color LCD

### Tool-less Maintenance

Print Head Replacement and Adjustment,  
Platen Replacement

### Multi National Language Support

47 Languages Scalable Fonts for Print  
31 Languages for LCD Menu

### Operation Video

Multiple Instructional Videos On-board  
(e.g. Error Resolution, Media Loading, Parts  
Replacement and Cleaning)

### Emulation

Auto detect - SBPL®, SZPL®, SDPL®, SIPL® or  
STCL®

### Remote Maintenance

SNMP Ver. 3, HTTPS

## COMMUNICATION INTERFACES SPECIFICATIONS

### Standard

USB 2.0 (Type A, Type B),  
Ethernet (IPv4/IPv6) on Rear Panel  
USB 2.0 (Type A) on Front Panel  
RS-232C, IEEE1284, EXT on Standard Interface Board  
Bluetooth® Ver.3.0 (only for NA & EU)

### Optional Wireless LAN Kit (Internal)

Wi-Fi® Certified, CCX (Cisco®) version 4  
Certified, IEEE 802.11 a/b/g/n, Dual Band  
(2.4 GHz, 5 GHz)

## OPTIONS

Cutter, Dispenser with Internal Liner  
Re-winder, Real-Time Clock, UHF RFID  
(ISO18000-6 Type C), W-LAN kit

## FONT SPECIFICATIONS

### Internal Fonts

#### Bitmap

U, S, M, WB, WL, XS, XU, XM, XB, XL, OCR-A, OCR-B,  
Chinese (GB18030, Big5), Korean (KSX1001)

#### Scalable

CG Times, CG Triumvirate™, 13 SATO Fonts  
- Unicode (47 Languages Supported)

## BARCODE SYBOLOGIES SPECIFICATIONS

### Barcodes

#### Linear

Code 39, Code 93, Code 128, CODABAR  
(NW7), EAN8/13, GS1-Databar™, GS1-128  
(UCC/EAN128), Interleaved 2/5, Industrial  
2/5, JAN8/13, Matrix 2/5, MSI, Bookland,  
Postnet™, UPC-A/E

#### 2D Sybologies

PDF417, Micro PDF, Maxi Code,  
GS1 Data Matrix, QR Code, Micro QR Code  
and Composite Sybologies

### User Downloadable Fonts, Graphics or Format

Maximum 100MB

## OPERATING & ENVIRONMENT CHARACTERISTICS

### Electrical Requirements

Universal Auto-ranging Power Supply,  
100-240VAC +/- 10%, 50/60Hz  
Energy Star - Compliant

### Standards & Certification

EN60950-1, UL60950-1/CSA C22.2  
No.60950-1, C-Tick, CCC, KC, S-Mark

### Agency Approvals

cMETus, CE marking, FCC, NEMKO GS,  
ICES-003, NMB-003, KC, CCC, S-mark,

### Environment

#### Operating

32 to 104°F (0 to 40°C), 30 - 80% RH,  
Non-Condensing

#### Storage

-4 to 140°F (-20 to 60°C), 30 - 90% RH,  
Non-Condensing

## PHYSICAL CHARACTERISTICS

### Dimensions

Width: 10.67" (271.0 mm)  
Depth: 17.99" (457.0 mm)  
Height: 12.63" (321.0 mm)

### Construction

Die-cast Aluminum  
(Base, Frame, Front Cover, Ribbon Spindle,  
Print Head Mechanism)

### Side-cover

Bi-fold for Space Saving with Large Clear  
Window

### Mounting Chassis

3 Fixtures for Flat or Incline Setting

### Weight

33.0 lbs. (15.1kg)

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### CORPORATE

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### LABEL MANUFACTURING, SERVICE & SALES

NORTH AMERICA	BRAZIL	ARGENTINA
Illinois	Sao Paulo	Buenos Aires
Florida		
New Jersey		
North Carolina		



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## About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

## Reasons to work with us

**Our customers come first.** Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

**The best brands.** We offer products from the best manufacturers worldwide.

**Expert technical support team.** Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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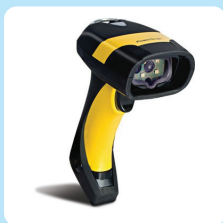
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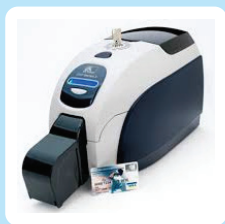
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables  
(labels, ribbons, PVC cards)

## Our Brands



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Honeywell®

DATALOGIC™



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Metrologic

LXE

EPSON®

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Technical Service