 Industrial Thermal Printer

**CL4NX Plus**

Fast • Precise • Intelligent

**PERFORMANCE**
- High accuracy print placement
- Best-in-class print speeds up to 14 ips
- 30% more ribbon & 80% more label media capacity
- Seamless RFID encoding

**SIMPLE & DURABLE**
- Metal casing and large bi-fold opening for easy access
- Aluminum cast frame and print head mechanism
- Platen roller visual wear indicator
- Tool-free maintenance

**INTELLIGENCE**
- Full-color LCD screen with on-board instructional videos
- Pre-installed competitive printer language emulations
- Simplified operation with Application Enabled Printing (AEP)
- Remote management with SATO Online Services (SOS)

www.satoamerica.com/CLNX
## GENERAL SPECIFICATIONS / CL4NX Plus

### PRODUCT SPECIFICATIONS

- **Print Resolution**: 203 dpi (8 dots/mm), 305 dpi (12 dots/mm), 609 dpi (24 dots/mm)
- **Print Speed**: 14ips (355mm/sec), 14ips (355mm/sec), 6ips (152mm/sec)
- **Print Area**: Max Width 98.42" (2500mm), Max Length 15.75" (400mm)
- **Media Size (with liner)**: Width Continuous / Tear Off / Cutter / Dispenser: 0.35" - 0.943" (9 - 2500mm), Linerless: 2.36" - 4.65" (60 - 118mm)
- **Length**: Continuous: 0.35" - 0.943" (9 - 2500mm), Tear Off / Cutter: 0.79" - 0.943" (20 - 2500mm), Dispenser: 0.79" - 0.96" (20 - 1500mm), Linerless: 1.18" - 4.72" (30 - 120mm)

### PRINTING SPECIFICATIONS

- **Method**: Direct Thermal or Thermal Transfer
- **Mode**: Continuous, Tear-off, Cutter, Dispenser, Linerless

### MEDIA SPECIFICATIONS

- **Media Type**: Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket
- **Thickness (Label & Liner)**: 0.0024" - 0.011" (0.060 - 0.268mm)
- **Roll Diameter**: Up to 10 OD (254mm) on 3" (76.0mm) ID Core
- **Wind**: Face-in/face-out. No Setting Change Required
- **Ribbon Length**: 1,968.5" (600m) on 1" (25.4mm) ID Core
- **Width**: 1.55" - 5.04" (39.5 - 128mm)
- **Roll Diameter**: Maximum 3.54" (90.0mm)
- **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.

### FONT SPECIFICATIONS

- **Internal Fonts**: 17 Bitmap SATO Fonts, 30 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

### CONNECTIVITY

- **Standard**: USB 2.0 (Type A, Type B), Ethernet (IPv4/IPv6) on Rear Panel, USB 2.0 (Type A) on Front Panel, RS-232C, Parallel Port, EXT I/O Interface, Bluetooth® Ver. 3.0, NFC
- **Optional Wireless LAN Kit (Internal)**: Wi-Fi® and Wi-Fi Direct® Certified, IEEE 802.11 a/b/g/n, Dual Band (2.4 Ghz, 5 Ghz)

### MEMORY & PROCESSING

- **Dual CPU**: CPU1: 2GB Flash, 256MB RAM, CPU2: 4MB Flash, 64MB RAM
- **User Downloadable Fonts, Videos, Graphics or Format**: Maximum 100MB
- **USER FRIENDLY SUPPORT TOOLS**: Large Status LED (Blue / Red), Audible Alerts (Adjustable Volume Setting), Self Diagnosis (Head Check, Cutter-Cover Open, Stand-by Mode, Auto-Calibration), Display Panel (3.5" Full Color LCD)
- **Tool-Free Maintenance**: Print Head Replacement and Adjustment, Visual Wear Indicator for Platen Roller (Pure Line)
- **Multi-national Language Support**: 47 Printable Languages with Scalable Fonts, 31 Major Latin, Pan European and Asian Languages for LCD Menu
- **Operation Videos**: Multiple Instructional Videos On-board, Space for Customized Videos
- **Emulation**: Auto Detect - SLP®, SEPL®, SLP®, SLP®, SPIL®, STCL® (Pre-installed), XML, Direct PDF Printing, AEP®
- **Contact your SATO Sales Representative for more information/requirements

### Remote Maintenance

- **SNMP Ver.3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AOT), SOTI Connect

### OPTIONS

- **Guillotine Cutter**, Linerless Cutter, Dispenser with Internal Liner Rewinder, Real-Time Clock, Wireless LAN, Barcode Validator, RWG500 External Rewinder, HS-200 Power Stacker, RFID (coming soon), Rotary Cutter (coming soon)

### BARCODE SYMBOLOGIES

- **Barcodes**: Linear
- **PDF**: Code 39, Code 93, Code 128, CODABAR (NW7), EAN8/13, GS1-DataBarTM, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MSI, Bookland, PostnetTM, UPC-A/E

### OPERATING CHARACTERISTICS

- **2D Symboologies**: PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symboologies, Aztec

### PHYSICAL CHARACTERISTICS

- **DIMENSIONS**: 18.00” L x 10.67” W x 12.64” H (271mm x 457mm x 321nm)
- **WEIGHT**: 33.28 lbs (15.1kg)

### MISCELLANEOUS

- **FUNCTIONS-USEFUL FEATURES**: Micro Label Printing, Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Status Return

- **SECURE MOUNTING**: Auto-label Rotation; 0°, 90°, 180°, 270°

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**SATO AMERICA**

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**LABEL MANUFACTURING, SERVICE & SALES**

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