CLNX™ SERIES

Problem Solver
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 Information on the Printer Operation
- Intuitive Menu Navigation
- Tool Free Maintenance
- NFC Configurable

Plug-and-Play
- LTDS (Label Tension Damper System)
- Flexible Media Support - Use Wound In or Wound Out Media
- Multiple Interfaces Auto Switching

All-in-One
- Application Enabled Printing (AEP)
- Competitive Emulations On-board
- Multi-national Language Support
- Supports HF/NFC or UHF RFID

www.satoamerica.com/CLNX
## GENERAL SPECIFICATIONS / CLNX™ Series

<table>
<thead>
<tr>
<th>PRINTER MODEL</th>
<th>CL4NX - 4&quot; Model</th>
<th>CL6NX - 6&quot; Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print Resolution</td>
<td>203 dpi (8 dots/mm)</td>
<td>203 dpi (8 dots/mm)</td>
</tr>
<tr>
<td>Print Speed</td>
<td>10 ips (254 mm/s)</td>
<td>10 ips (254 mm/s)</td>
</tr>
<tr>
<td>Print Area</td>
<td>Max Width</td>
<td>4.1&quot; (104.0 mm)</td>
</tr>
<tr>
<td>Max Length</td>
<td>98.43&quot; (2500 mm)</td>
<td>98.43&quot; (2500 mm)</td>
</tr>
<tr>
<td>Media Width</td>
<td>0.98&quot; (25 mm)</td>
<td>0.98&quot; (25 mm)</td>
</tr>
<tr>
<td>Ribbon Width</td>
<td>1.55&quot; (39.5 mm)</td>
<td>1.55&quot; (39.5 mm)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>D: 17.99&quot; (457 mm)</td>
<td>D: 17.99&quot; (457 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>33 lbs. (15 kgs)</td>
<td>42 lbs. (20 kgs)</td>
</tr>
</tbody>
</table>

### MEMORY & PROCESSING

- Dual CPU
  - CPU1: 2GB Flash, 256MB RAM
  - CPU2: 4MB Flash, 64 MB RAM

### 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, Platen Replacement
- Multi-national Language Support: 47 Printable Languages with Scalable Fonts

### OPERATION & ENVIRONMENT CHARACTERISTICS

- User Downloadable Fonts, Graphics or Format: Maximum 100MB
- Operating & Environment Requirements:
  - Temperature: 32 to 104°F (-20 to 40°C), 30-75% RH, Non-condensing
  - Non-condensing: 40 to 95°F (5 to 35°C) 30 - 75% RH, Non-condensing
- Storage: -4 to 140°F (-20 to 60°C), 30 - 90% RH, Non-condensing

### PHYSICAL CHARACTERISTICS

- Construction: Die-cast Aluminum
- Side-cover: Space saving design with large media supply window and bi-fold door for easy access in confined locations
- Secure Mounting: 3 Keyhole Slots on Chassis for Flat or Incline Setting

### PRINTER SPECIFICATIONS

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

### MEDIA SPECIFICATIONS

- Media Type: Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket
- Min Length (With Liner): 0.35" (9 mm)
- Thickness (Label & Liner): 0.002" (0.060 mm) - 0.01" (0.268 mm)
- Roll Diameter: Up to 8.6" OD (220 mm) on 3" (76.0 mm) ID Core
- Wind: Face-in/Face-out, No Setting Change Required
- Ribbon 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.

### COMMUNICATION INTERFACES SPECIFICATIONS

- Standard: USB 2.0 (Type A), Ethernet (IPV4/IPV6)
- Optional Wireless LAN Kit (Internal)
  - Wi-Fi®, Wi-Fi Direct® and CCX (Cisco®) Version 4 Certified, IEEE 802.11 a/b/g/n, Dual Band (2.4 GHz, 5 GHz)

### BARCODE SYMBOLOGIES

- Barcodes: Linear
- 2D Symbologies: PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies, Aztec

### OPTIONS

- Cutter, Powered Stacker, Linerless Cutter Kit, Dispenser with Internal Liner Rewinder, Real-time Clock, UHF RFID (ISO18000-6 Type C), HF/ NFC RFID (ISO/IIEC 15693 or ISO/IIEC 14443 Type A), WLAN Kit, Barcode Validator, External Rewinder (RWG-500) - Full 8" OD Roll Take Up Note: Linerless and RFID available in CL4NX Model only. Dispenser only option available in CL6NX Model.

### FONT SPECIFICATIONS

- Internal Fonts: 10 Bitmap SATO Fonts, 15 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)