



# CT4-LX

The Next Generation 4-inch Desktop Thermal Printer



## KEY FEATURES



- 4.3-inch full-color touchscreen
- One-touch media profile recall
- PDF Direct printing
- Pre-installed printer language emulations
- Auto clone printer settings



Cutter



Dispenser



- Remote management with SATO Online Services (SOS)
- Auto RFID positioning with SATO RF Analyze (SRA)
- Label Waste Prevention - eliminates first label loss



# GENERAL SPECIFICATIONS / CT4-LX

PRODUCT SPECIFICATIONS			
<b>Print Resolution</b>		203 dpi	
<b>Print Speed</b>		8 ips	Linerless: 4 ips
<b>Print Area</b>		4.09" (104mm)	
<b>Max Width</b>		98.43" (2500mm)	
<b>Max Length</b>		59.06" (1500mm)	
<b>Media Size (with liner)</b>	<b>Width</b>	<b>Standard</b>	0.98" - 4.65" (25 - 118mm)
		<b>Linerless</b>	0.98" - 4.33" (25 - 110mm)
	<b>Length</b>	<b>Continuous</b>	0.39" - 15.74" (10 - 400mm)
		<b>Tear-off</b>	0.98" - 15.74" (25 - 400mm)
		<b>Cutter</b>	0.91" - 15.74" (23 - 400mm)
		<b>Dispenser</b>	0.91" - 15.74" (23 - 400mm)
	<b>Linerless</b>	0.98" - 3.94" (25 - 100mm)	

## PRINTING SPECIFICATIONS

**Method**  
Direct Thermal or Thermal Transfer

**Mode**  
Continuous, Tear-off, Cutter, Dispenser, Linerless

## MEDIA SPECIFICATIONS

**Sensor Type**  
Transmissive Sensor for Gap, Reflective Sensor for Black Mark, Paper Out, Ribbon Out

**Media Type**  
Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket

**Media**  
**Thickness (Label & Liner)**  
0.0031" - 0.075" (0.08 - 0.19mm)

**Roll Diameter**  
Maximum: 5.04" (128mm) on 1.5" core  
RFID: 4.53" (115mm) on 3" ID core

**Wind**  
Face-in / Face-out  
RFID: Face-out

**Ribbon**  
**Length**  
328' (100m) on 0.5" ID Core

**Width**  
1.77" - 4.37" (45 - 111mm)

**Roll Diameter**  
1.5" (40mm)

**Wind**  
Face-out

**SATO Genuine Consumables**  
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

## FONT SPECIFICATIONS

**Internal Fonts**  
24 Bitmap SATO Fonts, 33 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

## RFID SPECIFICATIONS

**Options**  
UHF: Gen 2 ISO/IEC18000-6 Type C  
HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092

## CONNECTIVITY

**Standard**  
USB 2.0 (Type A, Type B), Ethernet (DHCPv4/DHCPv6), NFC

**Optional Interfaces**  
Wi-Fi and Bluetooth Ver 4.1 or RS232C Option (Wi-Fi® and Wi-Fi Direct® Certified IEEE 802.11ac, Dual Band (2.4 GHz, 5 GHz))

## MEMORY & PROCESSING

**Printer Memory**  
4GB Flash, 1GB RAM

**User Downloadable Fonts, Videos, Graphics or Format**  
Maximum 1GB

## USER FRIENDLY SUPPORT TOOLS

**Large Status LED**  
Blue / Red

**Audible Alerts**  
Adjustable Volume Setting

**Self Diagnosis**  
Head Check, Stand-by Mode, Cutter-Cover Open, Auto-Calibration

**Display Panel**  
4.3" Full Color Resistive Touch Screen

**Tool-Free Maintenance**  
Print Head and Platen Replacement

**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 - SBPL®, SEPL®, SZPL®, SDPL®, SIPL® or STCL® (Pre-installed), XML, PDF Direct 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 (AIOT), SOTI Connect

## OPTIONS

Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)

## BARCODE SYMBOLOGIES

**Barcodes**  
**Linear**

Code 39, Code 93, Code 128, CODABAR (NW7), EAN8/13, GS1-Databar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MS1, Bookland, Postnet™, UPC-A/E

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

## OPERATING CHARACTERISTICS

**Electrical Requirements**  
AC100V ~ AC240V ± 10%, 50/60 Hz (AC adapter)  
Output: DC24V ± 5.0% 2.7A

**Standards & Agency Approvals**  
Please contact SATO regarding agency approvals in your region.

## Environment

**Operating**  
32 - 104°F (0 - 40°C) / 30 - 80% RH (without condensation)

**Linerless**  
41 - 95°F (5 - 35°C) / 30 - 75% RH (without condensation)

**Storage**  
14 - 140°F (-10 - 60°C) / 15 - 90% RH (without condensation)

## PHYSICAL CHARACTERISTICS

**Dimensions**  
9.37" L x 7.0" W x 8.43" H (238mm x 177.8mm x 214.1mm)

**Weight**  
7.5 lbs (3.4kg)

## MISCELLANEOUS

**Functions - Useful Features**  
Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Auto Clone, Status Return, Label Waste Prevention

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

## SATO AMERICA CORPORATE

14125 South Bridge Circle  
Charlotte, NC 28273  
Phone: (704) 644-1650  
sales-sal@sato-global.com

## LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA  
CANADA CARIBBEAN

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