



Desktop Thermal Printer



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

Options	UHF: Gen 2 ISO/IEC18000-6 Type C HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092
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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
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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
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Remote Maintenance	SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect
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OPTIONS

Options	Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)
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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 Symlogies	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symlogies, 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°