



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)
- HF or UHF RFID modules
- Label Waste Prevention - eliminates first label loss



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GENERAL SPECIFICATIONS / CT4-LX

PRODUCT SPECIFICATIONS					
Print Resolution			203 dpi		305 dpi
Print Speed			8 ips	Linerless: 4 ips	6 ips Linerless: 4 ips
Print Area	Max Width		4.09" (104mm)		
	Max Length		98.43" (2500mm)		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		CONNECTIVITY		BARCODE SYMBOLOGIES	
Method		Standard		Barcodes	
Direct Thermal or Thermal Transfer		USB 2.0 (Type A, Type B), Ethernet (DHCPv4/DHCPv6), NFC		Linear	
Mode		Optional Interfaces		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	
Continuous, Tear-off, Cutter, Dispenser, Linerless		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))		2D Symbologies	
MEDIA SPECIFICATIONS		MEMORY & PROCESSING		PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies, Aztec	
Sensor Type		Printer Memory		OPERATING CHARACTERISTICS	
Transmissive Sensor for Gap, Reflective Sensor for Black Mark, Paper Out, Ribbon Out		4GB Flash, 1GB RAM		Electrical Requirements	
Media Type		User Downloadable Fonts, Videos, Graphics or Format		AC100V ~ AC240V ± 10%, 50/60 Hz (AC adapter) Output: DC24V ± 5.0% 2.7A	
Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket		Maximum 1GB		Standards & Agency Approvals	
Media		USER FRIENDLY SUPPORT TOOLS		Please contact SATO regarding agency approvals in your region.	
Thickness (Label & Liner)		Large Status LED		Environment	
0.0031" - 0.075" (0.08 - 0.19mm)		Blue / Red		Operating	
Roll Diameter		Audible Alerts		32 - 104°F (0 - 40°C) / 30 - 80% RH (without condensation)	
Maximum: 5.04" (128mm) on 1.5" core RFID: 4.53" (115mm) on 3" ID core		Adjustable Volume Setting		Linerless	
Wind		Self Diagnosis		41 - 95°F (5 - 35°C) / 30 -75% RH (without condensation)	
Face-in / Face-out RFID: Face-out		Head Check, Stand-by Mode, Cutter-Cover Open, Auto-Calibration		Storage	
Ribbon		Display Panel		14 - 140°F (-10 - 60°C) / 15 - 90% RH (without condensation)	
Length		Tool-Free Maintenance		PHYSICAL CHARACTERISTICS	
328" (100m) on 0.5" ID Core		Print Head and Platen Replacement		Dimensions	
Width		Multi-national Language Support		9.37" L x 7.0" W x 8.43" H (238mm x 177.8mm x 214.1mm)	
1.77" - 4.37" (45 - 111mm)		47 Printable Languages with Scalable Fonts 31 Major Latin, Pan-European and Asian Languages for LCD Menu		Weight	
Roll Diameter		Operation Videos		7.5 lbs (3.4kg)	
1.5" (40mm)		Multiple Instructional Videos On-board, Space for Customized Videos		MISCELLANEOUS	
Wind		Emulation		Functions - Useful Features	
Face-out		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		Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Auto Clone, Status Return, Label Waste Prevention	
SATO Genuine Consumables		Remote Maintenance		Rotation	
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.		SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect		Auto-label Rotation: 0°, 90°, 180°, 270°	
FONT SPECIFICATIONS		OPTIONS			
Internal Fonts		Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)			
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					

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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