



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 Direct Thermal or Thermal Transfer		Standard USB 2.0 (Type A, Type B), Ethernet (DHCPv4/DHCPv6), NFC	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
Media Continuous, Tear-off, Cutter, Dispenser, Linerless		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))	2D Symbolologies PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbolologies, Aztec
MEDIA SPECIFICATIONS		MEMORY & PROCESSING	OPERATING CHARACTERISTICS
Sensor Type Transmissive Sensor for Gap, Reflective Sensor for Black Mark, Paper Out, Ribbon Out		Printer Memory 4GB Flash, 1GB RAM	Electrical Requirements AC100V ~ AC240V ± 10%, 50/60 Hz (AC adapter) Output: DC24V ± 5.0% 2.7A
Media Type Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket		User Downloadable Fonts, Videos, Graphics or Format Maximum 1GB	Standards & Agency Approvals Please contact SATO regarding agency approvals in your region.
Media Thickness (Label & Liner) 0.0031" - 0.075" (0.08 - 0.19mm)		USER FRIENDLY SUPPORT TOOLS	Environment Operating 32 - 104°F (0 - 40°C) / 30 - 80% RH (without condensation)
Roll Diameter Maximum: 5.04" (128mm) on 1.5" core RFID: 4.53" (115mm) on 3" ID core		Large Status LED Blue / Red	Linerless 41 - 95°F (5 - 35°C) / 30 - 75% RH (without condensation)
Wind Face-in / Face-out RFID: Face-out		Audible Alerts Adjustable Volume Setting	Storage 14 - 140°F (-10 - 60°C) / 15 - 90% RH (without condensation)
Ribbon Length 328' (100m) on 0.5" ID Core		Self Diagnosis Head Check, Stand-by Mode, Cutter-Cover Open, Auto-Calibration	PHYSICAL CHARACTERISTICS
Width 1.77" - 4.37" (45 - 111mm)		Display Panel 4.3" Full Color Resistive Touch Screen	Dimensions 9.37" L x 7.0" W x 8.43" H (238mm x 177.8mm x 214.1mm)
Roll Diameter 1.5" (40mm)		Tool-Free Maintenance Print Head and Platen Replacement	Weight 7.5 lbs (3.4kg)
Wind Face-out		Multi-national Language Support 47 Printable Languages with Scalable Fonts 31 Major Latin, Pan-European and Asian Languages for LCD Menu	MISCELLANEOUS
SATO Genuine Consumables For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.		Operation Videos Multiple Instructional Videos On-board, Space for Customized Videos	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
FONT SPECIFICATIONS		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	Rotation Auto-label Rotation: 0°, 90°, 180°, 270°
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)		Remote Maintenance SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect	
RFID SPECIFICATIONS		OPTIONS	
Options UHF: Gen 2 ISO/IEC18000-6 Type C HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092		Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)	

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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