



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

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	
MEDIA SPECIFICATIONS			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	
Sensor Type			MEMORY & PROCESSING		PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbolologies, Aztec	
Transmissive Sensor for Gap, Reflective Sensor for Black Mark, Paper Out, Ribbon Out			Printer Memory		OPERATING CHARACTERISTICS	
Media Type			4GB Flash, 1GB RAM		Electrical Requirements	
Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket			User Downloadable Fonts, Videos, Graphics or Format		AC100V ~ AC240V ± 10%, 50/60 Hz (AC adapter) Output: DC24V ± 5.0% 2.7A	
Media			Maximum 1GB		Standards & Agency Approvals	
Thickness (Label & Liner)			USER FRIENDLY SUPPORT TOOLS		Please contact SATO regarding agency approvals in your region.	
0.0031" - 0.075" (0.08 - 0.19mm)			Large Status LED		Environment	
Roll Diameter			Blue / Red		Operating	
Maximum: 5.04" (128mm) on 1.5" core RFID: 4.53" (115mm) on 3" ID core			Audible Alerts		32 - 104°F (0 - 40°C) / 30 - 80% RH (without condensation)	
Wind			Adjustable Volume Setting		Linerless	
Face-in / Face-out RFID: Face-out			Self Diagnosis		41 - 95°F (5 - 35°C) / 30 - 75% RH (without condensation)	
Ribbon			Head Check, Stand-by Mode, Cutter-Cover Open, Auto-Calibration		Storage	
Length			Display Panel		14 - 140°F (-10 - 60°C) / 15 - 90% RH (without condensation)	
328' (100m) on 0.5" ID Core			4.3" Full Color Resistive Touch Screen		PHYSICAL CHARACTERISTICS	
Width			Tool-Free Maintenance		Dimensions	
1.77" - 4.37" (45 - 111mm)			Print Head and Platen Replacement		9.37" L x 7.0" W x 8.43" H (238mm x 177.8mm x 214.1mm)	
Roll Diameter			Multi-national Language Support		Weight	
1.5" (40mm)			47 Printable Languages with Scalable Fonts 31 Major Latin, Pan-European and Asian Languages for LCD Menu		7.5 lbs (3.4kg)	
Wind			Operation Videos		MISCELLANEOUS	
Face-out			Multiple Instructional Videos On-board, Space for Customized Videos		Functions - Useful Features	
SATO Genuine Consumables			Emulation		Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Auto Clone, Status Return, Label Waste Prevention	
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.			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	
FONT SPECIFICATIONS			Remote Maintenance		Auto-label Rotation: 0°, 90°, 180°, 270°	
Internal Fonts			SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect			
24 Bitmap SATO Fonts, 33 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)			OPTIONS			
RFID SPECIFICATIONS			Guillotine Cutter, Linerless Cutter, Dispenser, RS-232C, Real-Time Clock, Wireless LAN and Bluetooth, UHF RFID, HF RFID (RFID is pre-installed)			
Options						
UHF: Gen 2 ISO/IEC18000-6 Type C HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092						