



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
- Direct PDF 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		305 dpi	
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

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)
-----------------------	--

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 802.11 a/b/g/n, 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, Direct PDF 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 (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 Symbolologies	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbolologies, 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
LABEL MANUFACTURING, SERVICE & SALES
UNITED STATES MEXICO CENTRAL AMERICA
CANADA CARIBBEAN

©2020 SATO America. All rights Reserved. Rev A • Any unauthorized reproduction of this content, in part or whole, is strictly prohibited • SATO is a registered trademark of SATO Corporation and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.

1 (888) 238-1155 Inside USA • 1 (205) 383-2244 Outside USA
info@atlasRFIDstore.com • www.atlasRFIDstore.com

atlasRFIDstore.com