



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

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)

RFID SPECIFICATIONS

Options
UHF: Gen 2 ISO/IEC18000-6 Type C HF/NFC: ISO/IEC14443 (Type A), ISO/IEC15693, or ISO/IEC18092

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

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

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, HF RFID (RFID is 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 Symbolgies
PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbolgies, 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°