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

www.satoamerica.com/CT4

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 Symbologies

PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies, 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°

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