SATO, Beyond Expectations
SATO’s First Truly UNIVERSAL Industrial Label Printer Engineered for the Most Demanding Printing Needs

Simple-to-Operate
- Full Color Interactive LCD Display
- Intuitive Menu Navigation
- Tens of Videos Offer Valuable Information on the Operation
- Tool-Less Maintenance

Plug-and-Play
- LTDS (Label Tension Damper System)
- Flexible Media Support, Media Wound In or Wound Out
- High Energy Mode – Ability to Print on a Wide Variety of Stock Types

All-in-One
- Multiple Interfaces – Auto Switching
- Competitive Emulations On-board
- Multi-National Language Support

www.satoasiapacific.com
GENERAL SPECIFICATIONS / CL4NX

PRINTING SPECIFICATIONS

CPU: 2GB ROM, 256MB RAM for Linux OS
CPU2: 4MB ROM, 64 MB RAM for ITRON OS

USER FRIENDLY SUPPORT TOOLS

Large Status LED
Blue/Red

Alarm Sound
Beep (3 volume setting)

Self Diagnosis
Head Check, Cutter-Cover Open, Stand-by mode, Auto-Calibration

Display Panel
TFT Full Color LCD, 3.5”(320 (RGB)*240)

Multi National Language Support
47 Languages Scalable Fonts for Print
30 Languages for LCD Menu

Operation Video
Preset: 18 (Media Loading, Parts Replacement, Cleaning, RFID Antenna Setting)
Optional: customized video (maximum 100MB)

Emulation
Auto detect - SBPL, SZPL, SDPL, SIFL or STCL

Remote Maintenance
SNMP Ver. 3, HTTPs

COMMUNICATION INTERFACES SPECIFICATIONS

Standard
USB 2.0 (Type A, Type B), Ethernet (IP/IPv6) on Rear Panel
USB 2.0 (Type A) on Front Panel
IEEE802.11, IEEE802.15, EXT on Standard Interface Board
Bluetooth Ver.3.0*

Optional Wireless LAN kit *

Wi-Fi and CCX Certified, IEEE 802.11
a/b/g/n, Dual Band (2.4 GHz, 5 GHz)

OPTIONS

Cutter, Dispenser with Internal Liner
Re-winder, Real-Time Clock, UHF RFID

INTERNAL Fonts

Bitmap
U, S, M, WB, WL, XS, XL, XM, WB, XB, X, OCR-A, OCR-B,
Chinese (GB18030, Big5), Korean (KSIX1001)

SCALEable
CG Times, CG Triumvirate™, 13 SATO Fonts,
Multi National Language Support
(47 language/Unicode)

BARCODE SYMBOLOGIES SPECIFICATIONS

Barcodes

Linear
Code 39, Code 93, Code 128, CODABAR
(EAN/UPC, JAN, GSI, DataBar, Interleaved 2/5, Industrial 2/5, GS1-128, GS1-128
(UPC/EAN128), Interleaved 2/5, Industrial 2/5, JAN8/13, Matrix 2/5, MS1, Bookland,
Postnet™, UPC-A/E)

2D Symbolegies
PDF417, Micro PDF, Maxi Code,
GSI Data Matrix, QR Code, Micro QR Code and
Composite Symobologies

User Downloadable Fonts, Graphics or Format

Maximum 100MB

OPERATING & ENVIRONMENT CHARACTERISTICS

Electronic Requirements
Universal Auto-ranging Power Supply,
100-240VAC +/- 10%, 50/60Hz
Energy Star - Compliant

Standards & Certification
EN60950-1, UL60950-1-CSA C22.2
No.60950-1, C-Tick, CCC, KCC, S-Mark

Agency Approvals
cETLus, CE marking, FCC, NEMKO GS,
ICES-003, NMB-003, KCC, CCC, S-mark

Environment
Operating
32 to 104°F (0 to 40°C), 30 - 80% RH,
Non-Condensing

Storage
-4 to 140°F (-20 to 60°C), 30 - 90% RH,
Non-Condensing

PHYSICAL CHARACTERISTICS

Dimensions
Width: 10.67” (271.0 mm)
Depth: 17.99” (457.0 mm)
Height: 12.63” (321.0 mm)

Construction
Die-cast Aluminum
(Base, Frame, Front Cover, Ribbon Spindle,
Print Head Mechanism)

Side-cover
90° Fold for Space Saving with Large Clear
Window

Mounting Chassis
3 Fixtures for Flat or Incline Setting

Weight
33.0 lbs. (15.1kg)

* Please contact your local SATO office for availability.

For more information about SATO in the region, visit www.satoasiapacific.com

SATO ASIA PACIFIC PTE. LTD.
4388, Alexandra Road, #09-01/02,
Alexandria Technology Park, Singapore 119968
Sales Hotline: +65 6276-2722 Service Hotline: +65 6273-8455
Tel: (65) 6271-5300 Fax: (65) 6273-6011
Email: sales@satoasiapacific.com

©2014 SATO Asia Pacific. All rights reserved. Specifications subject to change without notice. Any unauthorized reproduction of the contents of this presentation, in part or whole, is strictly prohibited. SATO is a registered trademark of SATO HOLDINGS CORPORATION and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.