Flexible intelligence at your fingertips.

FX3-LX

An intuitive all-in-one label printer that seamlessly adapts to your business

Retail - Food Service - Manufacturing & Logistics

FEATURES

- The 7" full color, smart touchscreen interface makes operation simple and intuitive, eliminating the need for extensive training and external control devices

- Wireless connectivity, together with AEP (Application Enabled Printing) software allows freedom of mobility to work where needed

- The battery operation option allows for hours of mobile use, creating the flexibility to use throughout the user environment

- The robust all-in-one design features wall mounting capabilities and a center-positioned handle, creating maximum adaptability and user manageability

- AEP Works' saves users time and money by facilitating the rapid development of custom applications

- Easily connects to scanners, scales, keyboards and other devices to increase data entry accuracy

www.satoamerica.com/FX3

GENERAL SPECIFICATIONS / FX3-LX

PRINT SPECIFICATIONS

Method
Direct Thermal

Mode
Continuous, Tear-off, Cutter, Partial Cutter, Dispenser, Linerless Tear-off, Linerless Cutter

Print Resolution
305 dpi (12 dots/mm)

Print Speed
AC adapter operation: 152mm/sec (6 ips)
Battery operation: 101mm/sec (4 ips)

Max. Print Area
Width: 3.15" (80 mm)
Length: 19.69" (500 mm)

MEDIA SPECIFICATIONS

Sensor Type
Gap (Transmissive) and I-Mark (Reflective)

Media Type
Roll (Continuous, Die-cut, linerless), Fan-fold

Media Size

Continuous
Width: 1.10"(28 mm) ~ 3.35" (85 mm)
Length: 0.75" (19 mm) ~ 19.80" (503 mm)

Tear-Off
Width: 1.10" (28 mm) ~ 3.35" (85 mm)
Length: 0.75" (19 mm) ~ 19.80" (503 mm)

Cutter
Width: 1.10" (28 mm) ~ 3.35" (85 mm)
Length: 0.75" (19 mm) ~ 19.80" (503 mm)

Dispenser
Width: 1.10" (28 mm) ~ 3.35" (85 mm)
Length: 0.75" (19 mm) ~ 19.80" (503 mm)

Linerless
Width: 1.26" (32 mm) ~ 3.23" (82 mm)
Length: 0.79" (20 mm) ~ 19.69" (500 mm)

Linerness Cutter
Width: 1.26" (32 mm) ~ 3.23" (82 mm)
Length: 1.77" (45 mm) ~ 19.69" (500 mm)

Media Thickness
0.0055" - 0.0075" (0.14 - 0.19 mm)

Roll Diameter
4.13" (105 mm) on 1" (25 mm) ID Core
3.54" (90 mm) on 1.5" (40 mm) ID Core

Wind Direction
Face-in/ Face-out, No setting change required.

SATO Genuine Consumables
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

Note: U.S. Patents pending for thermal head and head connection/disconnection mechanism

WARRANTY

1 Year

COMMUNICATION INTERFACES SPECIFICATIONS

Standard
USB 2.0 (Type A) x 3, USB 2.0 (Type B), NFC

USB + LAN Model
USB 2.0 (Type A) x 3, USB 2.0 (Type B), Ethernet (IPv4/v6), NFC, LAN 10/100/1000

Optional Wireless LAN/Bluetooth® Kit
WiFi®: WiFi Certified™ A/B/G/N/AC, WiFi Direct®, Dual Band, (2.4GHz/ 5GHz) Bluetooth: version 4.1, MFi certified

MEMORY & PROCESSING

Printer Memory
4GB Flash, 1GB RAM

Processor
1GHz ARM Cortex-A9

USER FRIENDLY SUPPORT TOOLS

Large Status LED
Blue/Red

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

Operation and Customer Videos
14 preset videos including media loading, parts replacement, option installation, cleaning etc. Optional 1 GB space available for storing and playing customer videos with sound. (onboard speaker)

Display Panel
7" TFT Full Color touch screen LCD (480 x 800)

Remote Maintenance
SNMP Ver. 3, HTTPs

Emulation
Auto Detect, SBPL®, SZPL®, SDPL®, SIPL®, STCL®, SEPL®

Peripheral Devices
Connect peripheral devices like scanner, keypad and keyboard directly to the printer for data input.

Device Management
SOS (SATO Online Services)

FONT SPECIFICATIONS

Internal Fonts

Standard Bitmap & Scalable Fonts
10 Bitmap SATO Fonts, 4 POP fonts, 39 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

ACCESSORIES

Optional
Cutter, Partial Cutter, Linerless Kit, WLAN / Bluetooth Kit, Battery Mount Kit, Lithium ion Battery Kit, Battery Charger, Cradle Kit, Wall Mount Kit

BARCODE SYMBOLOGIES

Barcodes

Linear
Code 39, Code 93, Code 128, CODABAR (NW7), EAN 8/13, GS-1 Databar™, GS-1 128 (UCC/ EAN 128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MSI, Bookland, Postnet™, UPC-A/E, Customer Barcode, Postnet, USPS code

2D Symbologies
Aztec, PDF 417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies

OPERATING & ENVIRONMENT CHARACTERISTICS

Electrical Requirements
Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz

Standards & Agency Approvals
FCC PART 15 SUBPARTS B/C/E, MET/cMET, JISZ 2801, CE Marking, IEC60950-1, EN60950-1, EN55022, EN55032, EN55024, EN61000-3-2/3-3, EN 301 489-1/-3/-17, EN 300 330-2/-1, RE, CCC, SRRC, IDA, SIRIM, NTC, SDPPI, RCM

Environment

Operating
Label: 32 to 104°F (0 to 40 °C), 30-80 % RH (Without Condensation)
Label (Dispenser): 32 to 95°F (0 to 35 °C), 30-75 % RH (Without Condensation)
Linerless: 41 to 95°F (5 to 35 °C), 30-75 % RH (Without Condensation)

Storage
41 to 140°F (5 to 60 °C), 30-90 % RH (Without Condensation)

Battery (Optional)
14.4V (1950 mAh) Lithium-ion Smart Battery
*Needs battery mount kit

PHYSICAL CHARACTERISTICS

Dimensions (Standard Model)
Width: 5.19" (132 mm)
Depth: 8.85" (225 mm)
Height: 6.33" (161 mm)

Dimensions (With Battery Mount Kit)
Width: 5.19" (132 mm)
Depth: 8.85" (225 mm)
Height: 7.08" (180 mm)

Weight
Standard Model: 5.5 lbs. (2.5kg)
With Battery Mount Kit: 6.6 lbs. (3.0 kg)

Durability
Drip/Dust Proof IPX2, IK06 and Antimicrobial Plastic Housing

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