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 centerpositioned 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











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

SATO AMERICA CORPORATE

14125 South Bridge Circle Charlotte, NC 28273 Phone: (704) 644-1650 sales-sal@sato-global.com LABEL MANUFACTURING, SERVICE & SALES UNITED STATES MEXICO CENTRAL AMERICA CANADA CARIBBEAN

www.satoamerica.com/FX3

©2021 SATO America. All rights Reserved. Rev B • Any unauthorized reproduction of this content, 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.

