Flexible intelligence at your fingertips.



FX3-LX

An intuitive 3-inch label printer that seamlessly adapts to your business

Wi Fi CERTIFIED

Made for iPhone | iPad | iPod

SATO AEP Application Enabled Printing

ENERGY STAR

SOS SATO Online Services

reddot award 2017 winner

SATO

satoeurope.com

FX3-LX Technical Specification

PRINTING SPECIFICATION			FX3-LX
Printing Method			Direct Thermal
Print Resolution, dots/mm (dpi)			12 dot/mm (305dpi)
Max. Print Area		Width, mm (inch)	80 mm (3.15“)
		Length, mm (inch)	500 mm (19.69“)
Max. Print Speed, mm/sec (ips)			AC adapter operation: 152mm/sec (6 ips) Battery operation: 101mm/sec (4 ips)
Printer Mode			Continuous, Tear-off, Cutter, Partial Cutter, Dispenser, Linerless Tear-off, Linerless Cutter
CONSUMABLES SPECIFICATION. For optimal print quality SATO recommends the use of SATO Genuine Consumables			
Sensor Type			Gap (Transmissive) and I-Mark (Reflective)
Media Type			Roll (Continuous, Die-cut, linerless), Fan-fold
Media Thickness (Label and Liner)			0.14 mm (0.0055“) ~ 0.19 mm (0.00075“)
Label Roll	Diameter		105 mm (4.13“) on 25 mm (1“) ID Core 90 mm (3.54“) on 40 mm (1.5“) ID Core
	Wind Direction		Face-in/ Face-out, No setting change required
Label Size (Label and Liner)	Continuous	Width	28 mm (1.10“) ~ 85 mm (3.35“)
		Length	19 mm (0.75“) ~ 503 mm (19.80“)
	Tear Off	Width	28 mm (1.10“) ~ 85 mm (3.35“)
		Length	19 mm (0.75“) ~ 503 mm (19.80“)
	Cutter	Width	28 mm (1.10“) ~ 85 mm (3.35“)
		Length	19 mm (0.75“) ~ 503 mm (19.80“)
	Dispenser	Width	28 mm (1.10“) ~ 85 mm (3.35“)
		Length	19 mm (0.75“) ~ 503 mm (19.80“)
	Linerless	Width	32 mm (1.26“) ~ 82 mm (3.23“)
		Length	20 mm (0.79“) ~ 500 mm (19.69“)
	Linerless Cutter	Width	32 mm (1.26“) ~ 82 mm (3.23“)
		Length	45 mm (1.77“) ~ 500 mm (19.69“)
USER FRIENDLY SUPPORT TOOLS			
Display Panel			7“ TFT Full Color touch screen LCD (480 x 800)
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. 1 GB space available for storing and playing customer videos with sound. (onboard speaker)
Peripheral devices			Connect peripheral devices like scanner, keypad and keyboard directly to the printer for data input
Remote Maintenance			SNMP Ver. 3, HTTPs
Preventive Maintenance			SOS (SATO Online Services)
FONTS / SYMBOLOGIES			
Fonts	Standard Fonts		Bitmap fonts: 10 SATO fonts, 4 POP fonts Scalable fonts: 39 fonts Multi-national language support (47 languages/Unicode), Single and Double byte fonts (Korean, Chinese, Japanese)
Barcodes	1D Barcode		Code 39, Code 93, Code 128, CODABAR (NW-7), 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 Barcode		Aztec, PDF 417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code
	Composite Symbologies		EAN-8/13 Composite, UPC-A/E Composite, GS1 DataBar, (Composite, Trucated Composite, Stacked Composite, Expanded Stacked Composite, Expanded Composite, Stacked Omnidirectional Composite, Limited Composite), GS1-128 Composite
INTERFACE CHARACTERISTICS			
	USB + LAN Model		USB 2.0 (Type A) x 3, USB 2.0 (Type B), Ethernet (IPv4/v6), NFC
	Optional WLAN / Bluetooth kit		Wifi: Wifi Direct IEEE802.11 a/b/g/n/ac, Dual Band, (2.4GHz/ 5GHz) Bluetooth: version 4.1, MFi certified
Language Emulations			Auto Detect, SBPL, SZPL, SDPL, SIPL, STCL, SEPL
OPERATING CHARACTERISTICS			
Power Requirements			Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz
Battery			Lithium-ion Smart Battery. 14.4V, 1950 mAh
Power Saving			Programmable energy saving functions
Dimensions	Standard model		W132 mm x D 225mm x H161mm *Excluding label roll, AC adapter and other options
	Standard model with battery mount kit		W132 mm x D 225mm x H180mm
Weight	Standard model		2.5 kg
	Standard model with battery mount kit		3.0 kg
Standards & Agency Approvals			**Noise (EMC) standards:** EN55032, EN55024, EN61000-3-2 / 3-3, EN300 330-2 / -1, EN301 489-1 / -3 / -17, FCC Part15 Subpart B, ICES 003 **Safety standards:** UL60950-1, CSA C22.2 No.60950-1, IEC/EN60950-1 **Wireless regulations:** FCC Part15 Subpart C/E, ISED RSS-Gen, ISED RSS-247, EN 300 328, EN 301 893
Operating environment	Label (excluding dispenser)		0~40°C/ 30~80%RH (non condensing)
	Label (dispenser)		0~35°C/ 30~75%RH (non condensing)
	Linerless		5~35°C/ 30~75%RH (non condensing)
Storage environment			-5~60 °C, 30~90% RH Non-condensing
MISCELLANEOUS			
Compliancy			IPx2, IK06, Energy Star, Bluetooth MFi Certification
OPTIONS			
Accessories			Cutter Kit, Partial Cutter Kit, Linerless Kit, WLAN / Bluetooth Kit, Battery Mount Kit, Lithium ion Battery, Battery Charger, Cradle Kit, Wall Mount Kit

Version: June 2018. Rev A, Specification subject to change without notice.