



## FX4212i

### Industrial Thermal Transfer Bar Code Printer

Finotex's new die-cast aluminum label printers are designed for your most demanding barcode and identification needs, from shipping labels and leg stickers to UPC tags, all without breaking your budget. Never before have so many features been packed into a label printer at such an affordable price with a two year limited warranty. The FX4212i boasts a print speed up to 12 inches per second.

Its standard features include internal Ethernet, USB 2.0 and PS/2 keyboard interface. The electronics include 32MB DRAM, 8 MB FLASH memory card and a slot for an SD card so users can inexpensively add up to 4GB of additional flash storage. The mechanism supports up to 600 meter ribbon length and a full 8.2" OD media roll, with an optional peel-off kit which includes internal rewind, label peel & present sensor.

## FX438i - 300 dpi Upgrade

### Industrial Thermal Transfer Bar Code Printer

Higher 300 dpi resolution is available as a factory version or as a field upgrade. This model has the same features as the FX4212i model with a print speed of up to 8" per second.

### Powerful TSPL-EZ™ Printer Programming Language

These printer series are equipped with TSPL-EZ™ language which supports TPLE (Translation Printer Language Eltron) and TPLZ (Translation Printer Language Zebra). TSPL-EZ features internal scalable True Type Fonts, and BASIC interpreter with file manager to create powerful printer interface application with multiple types of hosts.

For more information on our offerings, please contact your Sales Representative.

## SYSTEM SPECIFICATIONS

Printer Model	FX4212i	FX438i
Printing method	Thermal transfer/ or Direct Thermal	
Resolution	203 DPI	300 DPI
Printing speed	Up to 12 ips	Up to 8 ips
Print width	104 mm (4.09")	
Print length	4064 mm (160")	1854.2 mm (73")
Dimensions	270 mm (W) x 308mm (H) x 505mm (D) or 10.63" (W) x 12.13"(H) x 19.88"(D)	
Media type	Continuous, die-cut, fan-fold, tag, notched, black mark, perforated, care label	
Media Width	25.4 ~ 118mm (1" ~ 4.6")	
Interface	- RS-232C (2400-115200 bps) - Centronics (SPP mode)	- USB 2.0 client (full speed) - Internal Ethernet print server
Fonts	-8 alpa-numeric bitmap fonts -Monotype imaging true type font engine with one CG Triumvirate Bold Condensed scalable font	
Barcodes	1-Dimensional barcode: CODE 39, CODE 93, CODE 128UCC, Code 128 Subsets A.B.C. Codabar Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UP-CA, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST 2-Dimensional Barcode: PDF-417, Maxicode, DataMatrix, QR code	
Accessories	-BarTender UltraLite labeling Software CD disk -Quick start guide	-USB cable -Power cord
Weight	15 Kg	
Power source	Internal switching power supply -Input: 115-230V~, 6.3/3.15A, 50.60Hz -Output: 24V, 8.33A, 200W	
Enclosure	Die-cast aluminum base and frame. Metal cover with large clear media view window.	
Label Roll Capacity	208.3mm (8.2") OD	
Ribbon	600 meter long, 1" core (link coated outside or inside)	
Ribbon width	25.4mm ~ 114.3mm (1"~4.5")	
Processor	32-bit RISC CPU	
Memory	-8MB Flash Memory -32MB SDRAM	-SD Flash memory card slot for Flash memory Expansion
LCD Display	Graphic Type, 128 x 64 pixel, with back light	
Operation switch, button	1 power switch, 6 operation buttons	
Sensors	-Position adjustable transmissive/reflective sensor -Ribbon end sensor -Head open sensor	
Real time clock	Standard	
Font & Barcode rotation	0, 90,180, 270 degree	
Media Thickness	0.06~0.30mm (2.3~11.8mil), 300 g/m <sup>2</sup>	
Media core diameter	25.4~76.2mm (1"~3")	
Label Length	5~4064 mm (0.20"~160")	5~1854.2 mm (0.20"~73")
Environment condition	Operation: 5~40°C, 20~85% non-condensing Storage: 5~60°C, 5~90% non-condensing	
Safety Regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TUV/GS, CCC, CB	
Environmental Concern	Comply with RoHs, WEEE	
Limited Warranty	-Print head: 1 million inches (25km) or 12 months which ever one comes first from delivery date -Printer: 2 years -Platen: 50km	
Factory Options	-RFID ready printer -Peel-off kit (include internal rewind & peel off module) -Internal rewinding kit (Include internal rewind & label redirect from panel)	-Applicator I /O interface
User Options	-Knife cutter -Rotary cutter -External wireless (802.11b/g) print server	-Bluetooth module -KDU-200 keyboard -KU-800 programmable smart keyboard

