

Industrial Label Printer  
X-Series

**X-2300E** 203dp



**X-3200** 300dpi



**X-3200E** 300dpi



# Industrial Label Printer X-Series

## Features

- For heavy duty labeling demand, and LCD display for easy to operate
- 32-bit CPU and 8MB Flash; 16MB SDRAM memory standard
- Multiple communication interfaces – Parallel, RS-232, USB, PS/2 Keyboard, Ethernet to fit in systems
- Media Auto Calibration function
- SNMP trap function for network management
- Real Time Clock (RTC) Built-in
- PPLA/PPLB/PPLZ emulations available
- Improve printing noise
- Reflective(Movable) & transmissive(Movable) sensors available
- Ribbon wound Ink-side out or ink-side in available
- Support Windows 7
- Add 1D/GS1 & 2D/Composite codes and QR barcodes
- Industrial-strength media management:  
Max 360M ribbon wax and 8" OD media (3" core) capacity
- User-friendly Software and Utility:  
BarTender/Printer Utility/Font Utility included
- Full range of options : Cutter, Dispenser, Rewinder, Stacker, Argokee

## Applications

Shipping & receiving  
Inventory labeling  
Retail tag  
Shelf labeling  
Packaging  
Cargo tracking  
Luggage labeling  
Logistic labeling  
Work in process  
Parts marking  
Product labeling  
Compliance labeling  
Pallet labeling  
Electronics parts labeling

**ARGOX**  
*Empower the Barcode*



## Product Values

X-2300E



### X-2300E

The X-2300E is a high-performance, flexible, and easy-to-use industrial barcode printer with Ethernet capabilities. The durable X-2300E features direct thermal/thermal transfer printing with 203dpi print resolution, up to 6ips printing speed, and for heavy duty labeling demand. A 32-bit CPU, 8MB Flash and 16MB SDRAM onboard memory assure high quality printing. Communication interfaces include parallel port, RS-232, USB, PS/2 keyboard and Ethernet for easy connectivity. An SNMP trap function allows the monitoring of network-attached devices in real-time. The X-2300E's standard PS/2 interface connects an input device such as a keyboard or scanner for stand-alone operation. The multilingual LCD offers easy installation and operation, and a built-in RTC lets you print times or labels. The flexible X-2300E has an adjustable reflective and transmissive double sensor system that ensures precise label detection for many types of media. A printer switch lets you use either inside or outside coated ribbons. The X-2300E offers the latest features, high-performance, flexibility, and easy operation delivering exceptional value all at a competitive price.

X-3200



### X-3200 / X-3200E

The X-3200 industrial barcode printer features 300dpi printing for high quality text and graphics on fabric labels, safety labels and labels for small items such as jewelry. The heavy duty X-3200 is capable of 5ips print speed using its 32-bit RISC microprocessor. The 8MB Flash and 16MB DRAM onboard memory facilitates high quality printing. An internal RTC lets you print time and dates on labels. RS-232, parallel, USB and optional Ethernet (X-3200E) interfaces allow easy plug-and-play integration with your current system. For stand-alone operation the X-3200 has a standard PS/2 interface for connecting an input device such as a keyboard or scanner, as well as a multilingual LCD display for convenient installation, configuration, and operation. The X-3200 and X-3200E printers provide outstanding value as it delivers industrial strength high quality printing for a wide range of labels.

X-3200E



> X Series, Argokee & Scanner



> Cutter mode



> Dispenser mode



> Inside of X-series

Specifications	X-2300E	X-3200	X-3200E
Printing Method	Direct Thermal / Thermal Transfer		
Printing Resolution	203 dpi(8 dots/mm)	300 dpi(12 dots/mm)	
Printing Speed	2~6 ips(51~152mm/s)	1~5 ips(25.4~127mm/s)	
Printing Length	Max 100"(2540mm) Min 0.2" (5mm)	Max. 50"(1270 mm) Min 0.2" (5mm)	
Printing Width	Max 4.09"(104mm)	Max 4.16"(105.7mm)	
Memory	16 MB DRAM (13MB User Available) 8MB Flash ROM (6MB User Available)		
CPU Type	32 bit RISC microprocessor		
Media Sensor	Media gap & black line Reflective sensor x 1 (Movable)& Transmissive sensor x 1 (Movable) / Head open switch / Ribbon end sensor		
Display	Multilingual Back-lit LCD Display 16 x 2-line, LED indicator (Ready/Media/Ribbon) x 3		
Operation Interface	Button (Feed(Config.)/Pause(Calibr./Cancel(Reset)) x 3		
Communication Interface	Centronics Parallel, RS-232 serial (Baud rate:2400~115200 bps), USB, PS/2 keyboard, Ethernet	Centronics Parallel, RS-232 serial (Baud rate:2400~115200 bps), USB, PS/2 keyboard	Centronics Parallel, RS-232 serial (Baud rate:2400~115200 bps), USB, PS/2 keyboard, Ethernet
Fonts	Internal character sets standard 5 alpha-numeric fonts from 0.049"H ~ 0.23" H (1.25mm ~ 6.0mm) Internal fonts are expandable up to 24x24 4 direction 0° ~ 270° rotation Soft fonts are downloadable		
1D Barcodes	<p><u>PPLA</u>: Code 39 (standard/with checksum digit), Code 93 Interleaved 2 of 5 (standard/with checksum digit/with human readable check digit), EAN-8, EAN-13, UPC-A, UPC-E, Postnet, Codabar, Code 128 subset A/B/C, UCC/EAN-128, UCC/EAN-128 K-MART, UCC/EAN-128 , Random Weight, Plessey, HBIC, Telepen, FIM, UPC2, UPC5, GS1 Data Bar</p> <p><u>PPLB</u>: Code 39 (standard/with checksum digit), Code 93 Interleaved 2 of 5 (standard/with checksum digit/with human readable check digit), EAN-8 (standard/2 digit add-on/5 digit add-on), EAN-13 (standard/2 digit add-on/5 digit add-on), UPC-A (standard/2 digit add-on/5 digit add-on), UPC-E (standard/2 digit add-on/5 digit add-on), Postnet, Codabar, Code 128 subset A/B/C, Code 128 UCC (Shipping Container Code), Code 128 Auto, German, Postcode, Matrix 2 of 5, UCC/EAN 128, UPC Interleaved 2 of 5, GS1 Data Bar</p> <p><u>PPLZ</u>: Code 39 (standard/with checksum digit), Code 93, Interleaved 2 of 5 (standard/with checksum digit/with human readable check digit), EAN-8, EAN-13, UPC-A, UPC-E, Postnet, Codabar, Code128 subset A/B/C, Code128 Auto, UPC/EAN-Extension, Plessey, Industrial 2 of 5, Standard 2 of 5, Logmars, MSI, Code 11</p>		
2D Barcodes	<p><u>PPLA/PPLB</u>: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite codes</p> <p><u>PPLZ</u>: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code</p>		
Graphics	<p><u>PPLA/PPLB</u>: PCX, BMP, IMG, HEX, GDI, Binary raster(PPLB Only)</p> <p><u>PPLZ</u>: GRF, Hex and GDI</p>		
Emulation	X-2300E: PPLA / PPLB X-2300ZE: PPLZ	PPLA / PPLB	X-3200E: PPLA / PPLB X-3200ZE: PPLZ
Software - Label editing	Windows Driver (Win 2000/XP/Vista/Windows 7), BarTender		
Software - Utility	Printer Utility - Font Utility		
Media Type	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label		
Media	<p>Max Width:4.4"(112mm) Min Width:1"(25.4mm) Thickness:0.0025"~0.01"(0.0635~0.254mm) Max roll capacity(OD):8"(203mm) Core size:3"(76mm) / Max roll capacity(OD):7"(177.8mm) Core size:1.5"(38mm)</p>		
Ribbon	<p>Ribbon roll – max OD: 3"(76mm) Ribbon Length: max 360m wax, 300m resin Core size – ID: 1"(25.4mm) with notch, Ribbon Width: 1"~4" Wax, Wax/Resin, Resin (Ribbon wound ink-side in or ink-side out available)</p>		
Dimensions	W 250mm x H 263mm x L 418mm		
Weight	24lbs(11kgs)		
Power Source	Internal Universal Switching Power Supply: Input voltage: 100~240VAC 50~60Hz, 5A		
Operation Environment	Operation Temperature: 40°F~100°F (4°C~38°C), 10% ~ 90% non-condensing, Storage Temperature: -4°F~122°F (-20°C~50°C)		
Real Time Clock (RTC)	Standard		
Optional Items	Guillotine cutter, Rotary cutter, Dispenser Kit, Rewinder, Media Stacker, ArgoKee		
Agency Listing	     		