

## Industrial Label Printer MP-2140



The MP-2140 is a light industrial barcode label printer with an outstanding set of features in a durable metal housing. With a print speed up to 4ips the MP-2140 fulfills mid to low volume printing requirements, and its large complement of 8MB Flash memory and 8MB SDRAM ensures smooth and stable operation. The printer provides a 4.1-inch (104mm) printing width and can be set for direct thermal or thermal transfer printing.

The MP-2140 features easy loading for ribbon and media rolls. A super large media bay provides the capacity for a range of media rolls with up to 8-inch OD and 1-inch to 3-inch ID media core, as well as space for a ribbon of up to 300M. The ribbon can be wound ink-side out or ink-side in. A fanfold slot allows the feeding of a variety of fanfold media through the rear of the printer. The MP-2140 provides several paper sensors for diverse applications, and sensing various media sizes is easily set without connecting to a computer. It also supports different media calibration modes to meet different demands.

The MP-2140 supports standard communication interfaces, such as USB, Parallel, and Serial RS-232, and it also connects scanners for standalone operation.





A full range of options include a cutter, stacker, RTC card.

Emulations for implementing various applications include PPLA, PPLB (default) and PPLZ, and it supports Win7/Win8/Win10 operating systems. Industrial and commercial applications include logistics labeling, inventory labeling, clothing tags, shipping & receiving, postal & mailing, and medical management. For industrial environments and applications the MP-2140 is the ideal barcode and label printer.

### Applications

- Logistic labeling
- Shipping & receiving
- Product labeling
- Inventory labeling
- Clothing tag
- Postal & mailing
- Document labeling
- Shelf labeling
- Patient tracking
- Jewelry labeling
- Stationeries labeling
- Parts marking
- Luggage labeling



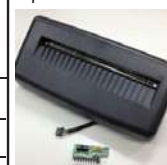
Specifications	MP-2140
Printing Method	Direct Thermal / Thermal Transfer
Printing Resolution	203 dpi(8 dots/mm)
Printing Speed	2~up to 4ips (50.8~101.6mm/s)
Printing Length	Max 100"(2540mm) / Min 0.2"(5mm)
Printing Width	Max 4.1"(104mm)
Memory	8MB DRAM(5MB user available) / 8MB Flash ROM(6MB user available)
CPU Type	32 bit RISC microprocessor
Sensors	Media gap & black line Reflective sensor x 1 (movable) & Media Transmissive sensor x 1 (Center fixed) / Head open switch / Ribbon end sensor
Operation Interface	LED indicator (Ready/Media/Ribbon) x 3 Button (Feed(Config.)/Pause(Calibr.)/Cancel(Reset)) x 3
Communication Interface	Parallel, RS-232(Baud rate: 2400~115200 bps), USB
Emulation	MP-2140: PPLA, PPLB MP-2140Z: PPLZ
Fonts	Internal character sets standard Internal fonts are expandable up to 24x24 4 direction 0 ~ 270 rotation 5 alpha-numeric fonts from 0.049"H ~ 0.23"H (1.25mm ~ 6.0mm) Soft fonts are downloadable
1D Barcodes	PPLA: Code 39, UPC-A, UPC-E, Code 128 subset A/B/C, EAN-13, EAN-8, HBIC, Codabar, Plessey, UPC2,UPC5, Code 93, Postnet, UCC/EAN-128, UCC/EAN-128 K-MART, UCC/EAN-128 Random Weight, Telepen,FIM, Interleave 2 of 5 (Standard/with modulo 10 checksum/with human readable check digit/with modulo 10 checksum & shipping bearer bars), GS1 Data bar (RSS) PPLB: Code 39 Std. & Extended, UPC-A, UPC-E, UPC-Interleaved 2 of 5, Code 39 with check sum digit, Code 93, EAN-13, EAN-8(Standard, 2/5digit add-on), Codabar, Postnet, Code128 subset A/B/C, Code 128 UCC (shipping container code), Code 128 auto, UCC/EAN code 128 (GS1-128), Interleave 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit,German Postcode, Matrix 2 of 5, UPC Interleaved 2 of 5, EAN-13 2/5 digit add-on, UPCA 2/5 digit add-on, UPCE 2/5 digit add-on, GS1 Data bar (RSS) PPLZ: Code39, UPC-A, UPC-E, Postnet, Code128 subset A/B/C, Interleave 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit, Code 93, Code 39 with check sum digit, MSI, EAN-8, Codabar, Code 11, EAN-13, Plessey, GS1 Data bar (RSS), Industrial 2 of 5, Standard 2 of 5, Logmars
2D Barcodes	PPLA/PPLZ: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec Barcode, Micro PDF417 PPLB: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec Barcode
Driver	Windows Driver Win7/Win8/Win10/Win11, LINUX Driver, macOS Driver, Raspberry Pi Driver
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	Max Width:4.33"(110mm) Min Width:1"(25.4mm) Thickness:0.0025"~0.01"(0.0635~0.254mm)** Max roll capacity(OD):8"(203mm) Core size:1"(25.4mm)\1.5"(38.1mm)\3"(76.2mm)
Ribbon	Ribbon roll – max OD: 2.6"(67mm) Ribbon Length: max 300m Core size – ID: 1"(25.4mm) Ribbon Width: 1"~4.33" Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in available) (Ribbon wound ink-side out or ink-side in)
Dimensions	W 282.7mm x H 285.4mm x L 466.6mm
Weight	9kg
Power Source	Internal Universal Switching Power supply Input voltage: 100~240V, 50~60Hz
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)
Optional Items	Cutter, Stacker, RTC Card
Agency Listing	   

## Features



- Metal construction, 300M ribbon & 8" OD media capacity
- Up to 4ips, and expanded memory for saving font, graphic and form
- Multiple communication interfaces
- PPLA/PPLB/PPLZ emulations available for easy application implementations
- A variety of paper sensor system for diverse applications
- Ribbon wound ink-side out or ink-side in available
- Four Auto-Calibration modes
- Easy media and ribbon loading
- Full range of options: Cutter, Stacker, RTC card
- Support Win7/Win8/Win10

### Option Parts



Cutter



Stacker



RTC Card

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\*\*Special configuration

\*Argox reserves the right to enhance and modify the specification without prior notice.  
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