NEW

# 4-inch thermal transfer industrial printer

ARGOX
a SATO company

# iX4-280/380 Series







**Durable printhead for logistics label printing**

## Design to fulfill automatic labeling demands in emerging markets

### Application



Automatic labeling






Manufacturing






Transportation & Logistics




### Product features



**Optimized mechanical structure**

Optimized mechanical structure design can reduce vibration effectively. Offers excellent quality during high-speed printing.



**Flat panel structure**

The flat panel structure shortens the peel-off distance. Keep automatic labeling machine running smooth.



**Durable printhead**

New printhead has high stability and quality, suitable for automatic labeling & logistics applications.



**Faster printing speed**

The maximum printing speed can reach up to 10ips. (254mm/s) (with peeler and rewinder)

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# General Specifications

| Print Specifications | iX4-280 | iX4-380 |
|---|---|---|
| Printing Method | Direct Thermal & Thermal Transfer | |
| Printing Resolution | 203 dpi (8 dots/mm) | 300 dpi ( 12 dots/mm) |
| Printing Speed | Max. 10ips (254mm/s) (with peeler and rewinder) | Max. 8ips (203.2mm/s) |
| Printing Length | Max. 100"(2540 mm) | Max. 50" (1270mm) |
| Printing Width | Max. 4.13"(105 mm) | Max. 4.16" (105.7mm) |
| Memory | 128MB DRAM, 128MB Flash ROM (USB storage up to 32GB) | |
| CPU Type | 32 bit RISC microprocessor | |
| **Consumables Specifications** | | |
| Sensors | Reflective sensor x 1 (Movable) & Transmissive sensor x 1(Movable) | |
| Media Type | Roll-feed, die-cut, continuous, fan-fold, black mark, tags, ticket in thermal paper or plain paper | |
| Media | Max. width: 4.48"(114mm). Min. width: 1"(25.4 mm). Thickness: 0.0025"~0.01" (0.0635mm~0.254mm)<br>8"(203mm)OD on a 3"(76mm) ID core. Dealer Option 6"(152.4mm)OD on a 1.5"(38mm) ID core. | |
| Ribbon | Max. width: 4.4"(112 mm). Min. width: 1" (25.4 mm). Length:max 450m Wax, Max OD 3.2" (81.3 mm).<br>Core size ID 1"(25.4 mm). Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in: auto-detect) | |
| **Fonts & Symbologies** | | |
| Fonts | Internal character sets standard<br>5 alpha-numeric fonts from 0.049"H ~ 0.23" H (1.25mm ~ 6.0mm)<br>Internal fonts are expandable up to 24x24 4 direction 0 ~ 270 rotation<br>Soft fonts are downloadable<br>Ability to print any Windows True Type font easily. Support scalable font | |
| 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、Interleaved 2 of 5 (Standard/with modulo 10 checksum/ with human readable check digit/ with modulo 10 checksum & shipping bearer bars)、GS1 Data bar (RSS)<br>PPLB: Code 39、UPC-A、UPC-E、Matrix 2 of 5、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) | |
| 2D Barcodes | PPLA/PPLB:MaxiCode、PDF417、Data Matrix (ECC 200 only)、QR code、Composite Codes | |
| Graphics | PPLA: PCX, BMP, IMG, HEX, GDI PPLB: PCX , BMP, Binary raster, GDI PPLZ: PCX, BMP, IMG, Hex, GDI, Binary raster | |
| Emulation | PPLA, PPLB, PPLZ, Auto | |
| **Interface Characteristics and Integration** | | |
| Operation Interface | LED indicator x 3, Button x 3, LCD Display x 1 | |
| Communication Interface | USB device, RS-232, Ethernet, USB host x 2 | |
| Real Time Clock (RTC) | Standard | |
| Drivers | Windows Driver Win7/Win8/Win10/Win11, LINUX Driver, macOS Driver, Raspberry Pi Driver | |
| Software | BarTender, Printer Tool, Font Utility | |
| Database Link | Argobar Pro support ODBC Database Connection: Excel, CSV, MS Access, MS SQL, Oracle MySQL, dBASE (*.dbf) | |
| **Operating & Environment Characteristics** | | |
| Power Source | Internal Universal Switching Power supply. Input voltage: 100~240V, 50~60Hz | |
| Operation Environment | Operation Temperature: 40°F~104°F (4°C~40°C), 5% ~ 90% non-condensing<br>Storage Temperature: -4°F~122°F (-20°C~50°C) | |
| Agency Listing | CE, CB, FCC, cULus, BSMI, RoHS | |
| **Physical Characteristics** | | |
| Printer Dimensions | W 250 mm x H 260 mm x D 405 mm | |
| Printer Weight | 29 lbs (13 kg) | |

*Argox reserves the right to enhance and modify the specification without prior notice.
Please check Argox sales representative for most updated specifications.

ACRC
ARGOX Certified Repair Centers
Consult your local Argox business partners for location and contacts.

## Optional Items


Cutter


Peeler


GPIO


Internal rewinder


External rewinder


External media stand

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