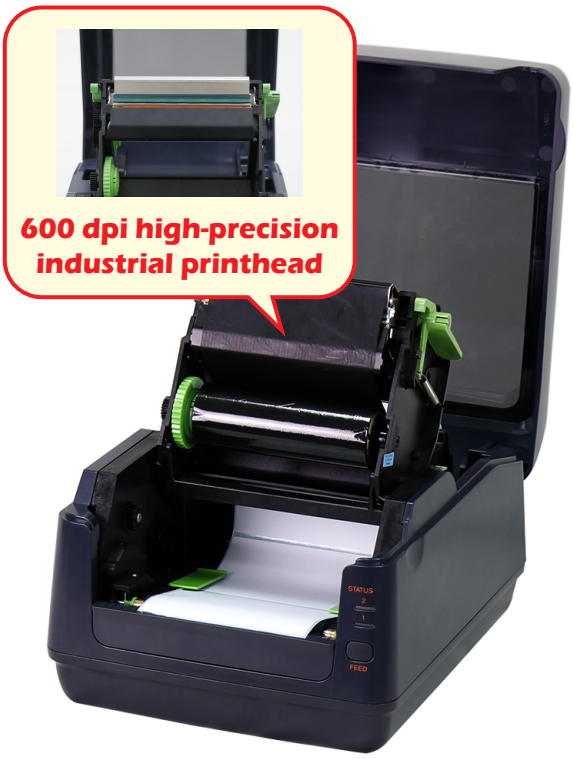
4-inch thermal transfer desktop printer

ARGOX
a SATO company

P4-650





600 dpi superior label printing on desktop printer

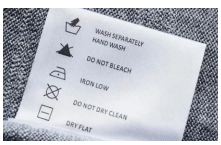
In order to fulfill customer's need for a superior label printing, Argox developed P4-650 600dpi desktop printer. The high-resolution printing quality meets the market demand for top-quality labels.

Application


Electronic components


Cosmetics


Medical examination


Apparel industry

Product features



High-resolution printing quality

P4-650 offers 600 dpi printing quality, suitable for small labels usages such as printed circuit board or chips.



Precise printing position

With excellent label calibration, P4-650 supports 3mm x 3mm small abreast label precision printing.



High printing speed

Featuring 4ips maximum printing speed. No compromised printing quality even run at the maximum speed.



Support 0.5" & 1" ribbon core

Provide 0.5" & 1" two different ribbon core to adopt various ribbon rolls for customer's choice.

ARGOX
a SATO company

General Specifications

intelli & smart mode inside
Best Label-saving Protocol!

Print Specifications	P4-650
Printing Method	Direct Thermal & Thermal Transfer
Printing Resolution	600 dpi (24 dots/mm)
Printing Speed	Max. 4ips (101.6mm/s); Max. 3ips (76.2mm/s) for peel off mode
Printing Length	Max. 30" (762mm)
Printing Width	Max. 4.16" (105.7mm)
Memory	32 MB SDRAM, 16MB 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 (fixed, 6.27mm offset)
Media Type	Roll-feed, die-cut, continuous, fan-fold, black mark, tags, ticket in thermal paper or plain paper
Media	Max. width: 4.65" (118mm). Min. width: 0.88" (22.4mm). Thickness: 0.0024"~0.0075" (0.06mm~0.19mm) 5"(127mm) OD on a 1"/1.5" (25.4/38 mm) ID core; Dealer Option external media stand 8" OD on 1"/3" ID Core
Ribbon	Ribbon width: 1.6"~4.33"(40 mm~110mm), Ribbon length: max 300m. Core size ID 1"(25.4 mm) or 0.5"(12.7mm) Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in: auto-detect)
Fonts & Symbologies	
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 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, GS1 Data bar (RSS) PPLB: Code 39, UPC-A, UPC-E (Standard, 2 /5digit add-on), Matrix 2 of 5, 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), German Postcode, GS1 Data bar (RSS) PPLZ: Code39, UPC-A, UPC-E, Postnet, Code128 subset A/B/C, Interleave 2 of 5, Code 93, MSI, EAN-8, Codabar, Code 11, EAN-13, Plessey, GS1 Data bar (RSS), Industrial 2 of 5, Standard 2 of 5, Logmars
2D Barcodes	MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec
Graphics	PPLA: PCX, BMP, IMG, HEX,GDI; PPLB: PCX, BMP, Binary raster, GDI; PPLZ: GRF, Hex, GDI
Emulation	PPLA, PPLB, PPLZ
Interface Characteristics and Integration	
Operation Interface	LED Indicator x 2, Button(Feed) x 1
Communication Interface	USB device, RS-232, Ethernet, USB host
Drivers	Windows Driver for Windows Vista/Win7/Win8/Win10, LINUX Driver, macOS Driver, Raspberry Pi Driver
Software	BarTender, Printer Tool, Font Utility
Application	iLabelPrint
Database Link	Argobar Pro support ODBC Database Connection: Excel, CSV, MS Access, MS SQL, Oracle MySQL, dBASE (*.dbf)
Operating & Environment Characteristics	
Power Source	Universal Switching Power supply. AC input voltage: 100~240V, 50~60Hz. DC Output: 24V, 3.75A
Operation Environment	Operation Temperature: 41°F~104°F (5°C~40°C), 0% ~ 90% non-condensing, Storage Temperature: -4°F~140°F (-20°C~60°C)
Agency Listing	CE, FCC, cULus, RoHS, RCM, CB, BIS
Physical Characteristics	
Printer Dimensions	W 220.6mm x H 187.5mm x D 278.5mm
Printer Weight	5.28 lbs (2.4 kg)

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

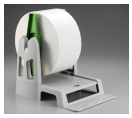
Optional Items


Full/partial cutter, guillotine-type


Peeler


WLAN


Bluetooth v2.1 Support BT 2.1 on Android connectivity


External media stand

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

Argox Information Co., Ltd.
8F., No. 28, Baogao Rd., Xindian Dist., New Taipei City 231029, Taiwan (R.O.C.)
Tel: +886-2-8912-1121 Fax: +886-2-8912-1124 https://www.argox.com https://www.youtube.com/user/argoxmkt
Copyright © 2023. Argox Information Co., Ltd. All Rights Reserved.