ARGOX
a SATO company

AIP Series

Precision That Performs • Productivity That Delivers



Industrial Barcode Printer

Intuitive 4.3" Full-Color Touchscreen
Fewer Steps. More Efficiency.

High-Performance Industrial Printing – Up to 14 ips
Not Just Speed. Built for Stability.

±0.5 mm High-Precision Label Positioning
From micro labels to high-density barcodes,
the AIP Series delivers precise positioning.

Multiple Print Resolutions – 203 / 300 / 600 dpi
The right resolution for every application.

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General Specifications

Print Specifications	AIP-240	AIP-340	AIP-640
Printing Method	DT/TT		
Printing Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)	600 dpi (24 dots/mm)
Max. Printing Speed	14 ips (Default: 6 ips)	12 ips (Default: 5 ips)	6 ips (Default: 3 ips)
Max. Printing Length	158" (4013 mm)	74" (1880 mm)	40" (1016 mm)
Max. Printing Width	4.09" (104 mm)		
Memory	256 MB DRAM / 512 MB Flash		
MCU Type	32-bit RISC microprocessor		
Hardware & Interface			
Sensors	Media Reflective sensor (Top&Bottom) ×2; Head Open Sensor; Ribbon End sensor; See-through sensor		
Display	4.3" Touch		
Operation Interface	LED indicator ×1; Button ×3		
Communication Interface	USB host ×2; USB device; RS-232; Ethernet; GPIO optional; BT/Wi-Fi optional		
RTC / Buzzer	Standard / Standard		
Consumables			
Media Type	Roll-feed, die-cut, continuous, fan-fold, black mark, tags, ticket in thermal paper or plain paper		
Media	Max width 4.48" (118 mm); min 1" (25.4 mm); thickness 0.0025"-0.01"; 6" OD / 1.5" core or 8" OD / 3" core		
Ribbon	450 m; 1" core		
Fonts, Symbologies & Software			
Fonts	5 fonts; expandable 24×24; 0/90/180/270° rotation; downloadable soft fonts; Windows TrueType support		
1D Barcode	UPC-A/E, JAN/EAN, Code 39/93/128, GS1-128, Codabar, ITF, MSI, POSTNET, GS1 DataBar family		
2D Barcode	QR Code, PDF417 (including MicroPDF), DataMatrix (ECC200), GS1 DataMatrix, MaxiCode		
Graphics / Emulation	PPLA: PCX, BMP, IMG, HEX, GDI PPLB: PCX, BMP, Binary raster, GDI PPLZ: GRF, Hex, GDI Emulation: PPLZ, PPLB, PPLA		
Software	BarTender® from Seagull Scientific; ArgoDesigner; iLabelPrint+		
Drivers / Utility	Argox Seagull Driver (Win 7/8/10/11); Linux, macOS, RPi Printer Driver; Printer Tool		
Operating & Physical			
Dimensions / Weight	W 269.77 mm × H 279.6 mm × D/L 496.58 mm ; 13 kg		
Power Source	Internal Universal Switching Power Supply; input voltage: 100-240 V, 50-60 Hz		
Operation Environment	Operating: 40°F-104°F (4°C-40°C), 0-90% RH; Storage: -4°F-122°F (-20°C-50°C)		
Optional Items	Guillotine cutter; Rotary cutter; Peeler; Internal Rewinder; BT/WLAN; GPIO; External rewinder		
Agency Listing	CE, CB, cULus, FCC, RoHS, BSMI, CCC, Energy Star		

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

Optional Items


Dispenser


Cutter Module (Full)


Rotary Cutter


RF Combo Module


Rewinder


GPIO

ARGOX Website

Linkedin

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