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General Specifications

Print Specifications	OS-214 Pro
Printing Method	Direct Thermal / Thermal Transfer
Printing Resolution	203 dpi (8 dots/mm)
Printing Speed	Max. 5 ips
Printing Length	Max. 100"(2540 mm)
Printing Width	Max. 4.16"(105 mm)
Memory	128 MB SDRAM (32 MB user available), 128 MB Flash ROM (100 MB user available)
CPU Type	32 bit RISC microprocessor
Consumables Specifications	
Media Sensor	Media gap & black line Reflective sensor
Media Type	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper
Media	Max. width: 4.33" (110mm). Min. width: 1" (25.4mm). Thickness: 0.0025"~0.01" (0.0635mm - 0.254mm) Max. roll capacity (OD): 4.3"(109 mm) Core size 0.5"(12.7mm) / Max. roll capacity (OD): 4.3"(109 mm) 1"(25.4mm) Optional / Max. roll capacity (OD): 3.8"(96.5 mm) 1.5"(38.1mm) Optional
Ribbon	Ribbon width: 1"- 4" Ribbon Roll - max OD: 1.45" (37mm) Ribbon length: Max. 92m Core size - ID: 0.5"(13mm) with notch, Wax, Wax/Resin, Resin (Outside Ribbon)
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 GB 18030 Standard (Chinese coded character set) support
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), and GS1 Data bar (RSS) 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, and 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, and Logmars
2D Barcodes	PPLA: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, and Composite Codes PPLB: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, and Composite Codes PPLZ: QR code, PDF417, Data Matrix (ECC 200 only), and MaxiCode Composite Codes
Graphics	PPLA: PCX, BMP, IMG, HEX and GDI format files PPLB: PCX, BMP, Binary Raster, and GDI PPLZ: GRF, Hex and GDI
Emulation	PPLA, PPLB, PPLZ
Interface Characteristics and Integration	
Operation Interface	LED Indicator (Power/Ready) x 2, Button(Feed) x 1
Communication Interface	USB
Drivers	Windows Driver for Windows Vista/Win7/Win8/Win10/Win11, LINUX Driver, macOS Driver, Raspberry Pi Driver
Software	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	Universal Switching Power Supply Input: 100V-240V ± 10%, 1.5 A, 50-60Hz, Output: 24VDC, 2.9A
Operation Environment	Operation Temperature: 40°F-100°F (4°C-38°C), 0%-90% non-condensing, Storage Temperature: -4°F-122°F (-20°C-50°C)
Agency Listing	CE, FCC, UL, RoHS
Physical Characteristics	
Printer Dimensions	W 186mm x H 165mm x L 278mm
Printer Weight	2.0 kg
Option	
Optional Items	Cutter, Stacker, RTC

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

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Desktop Label Printer
Outstanding Series

OS-214 Pro 203dpi



ARGOX

Desktop Label Printer
Outstanding Series







Features

- USB interface available
- Durable and easy maintenance : only 10 screws disassemble entire unit
- Snap-in thermal print head loads in 2 seconds
- Easy media loading & ribbon installation
- Detachable top cover for kiosk and other special applications
- PPLA, PPLB, PPLZ emulations available
- Support 1D/GS1 Data bar, 2D/Composite codes and QR barcodes
- Full range of options :Cutter, stacker, RTC

Applications

Postal & mailing
Patient Tracking
Laboratory specimen labeling
Shipping & receiving
Inventory labeling
Retail tag
Document labeling
Stationary labeling
Parts making
Electronics parts labeling
Apparel labeling
Jewelry labeling

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Product Values



OS-214 Pro

OS-214 Pro

The OS-214 Pro printer provides advanced functions and performance in a durable, space-saving design. A rapid print speed of 5 inches per second ensures increased efficiency and the large 128M Flash and 128M DRAM onboard memory handles a broad range of applications.
It also offers extended printing length of up to 100-inches to facilitate a wide range of media.
The USB interface ensures compatibility with a variety of computers and other devices. Other improve-ments include much quieter printing compared with other printers in this class. The printer's durable, high-impact ABS housing and all-metal print mechanism assure years of dependable performance. The printer supports 1D/GS1 Data Bar, 2D/Composite codes and QR barcodes. Style, ease-of-use, space-savings, price, and printing performance are what define the new OS-214 Pro printer.