

| Specifications           | OS-2140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | OS-2140D              | OS-214plus                                                                                                                                                          | OS-314plus                                                                                                                     |
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| Printing Method          | Direct Thermal / Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Direct Thermal        | Direct Thermal / Thermal Transfer                                                                                                                                   |                                                                                                                                |
| Printing Resolution      | 203 dpi (8 dots/mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                     | 300 dpi(12 dots/mm)                                                                                                            |
| Printing Speed           | Up to 5 ips (127mm/s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Up to 5 ips (127mm/s) | Up to 4 ips (102mm/s)                                                                                                                                               | Up to 4 ips(102mm/s)                                                                                                           |
| Printing Length          | Max100"(2540mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Max 100"(2540mm)      | Max 43"(1092mm)                                                                                                                                                     | Max 50" (1270 mm)                                                                                                              |
| Printing Width           | Max 4.16"(105mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Max 4.16"(105mm)      | Max 4.16"(105mm)                                                                                                                                                    | Max 4.1"(104mm), Min 1"(25.4mm)                                                                                                |
| Memory                   | 8MB DRAM(6MB user available) ,<br>4MB Flash ROM(2MB user available)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | 8MB DRAM(7MB user available) ,<br>4MB Flash ROM(3MB user available)                                                                                                 | 8MB DRAM(5MB user available) ,<br>4MB Flash ROM(2MB user available)                                                            |
| CPU Type                 | 32 bit RISC microprocessor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                     |                                                                                                                                |
| Media Sensor             | Media gap & black line Reflective sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                                                                                                                                                     |                                                                                                                                |
| Operation Interface      | LED indicator (Power/Ready)x 2 , Button (Feed) x 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                     |                                                                                                                                |
| Communication Interface  | RS-232, USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       | Centronics Parallel, RS-232, USB                                                                                                                                    |                                                                                                                                |
| 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<br>4 direction 0 ~ 270 rotation<br>Soft fonts are downloadable, Ability to print Windows True Type Fint easily(OS-2140D only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                                                                                                                                                     |                                                                                                                                |
| 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)<br>PPLB:Code 39 Std. & Extended, UPC-A, UPC-E, Matr 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)<br>PPLZ (OS-2140Z / OS-2140DZ):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 (OS-2140Z / OS-2140DZ): MaxiCode, PDF417,Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec, Micro PDF 417<br>PPLB: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                     | PPLA / PPLB: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec                                     |
| Graphics                 | PPLA / PPLB: PCX, BMP, IMG, HEX,GDI, Binary raster(PPLB Only)<br>PPLZ (OS-2140Z / OS-2140DZ): GRF, HEX, GDI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       | PPLA: PCX, BMP, IMG, HEX ,GDI<br>PPLB: PCX, Binary raster , GDI                                                                                                     | PPLA: PCX, BMP, IMG, HEX,GDI<br>PPLB: PCX, Binary raster, GDI, BMP (files can be converted to PCX file in the printer utility) |
| Emulation                | PPLA / PPLB / PPLZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | PPLA / PPLB                                                                                                                                                         |                                                                                                                                |
| Software - Label editing | Windows Driver (Win XP/Vista/Windows 7/8/10) BarTender® from Seagull Scientific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                                                                                                                                                                     |                                                                                                                                |
| Software - Utility       | Printer Utility, Font Utility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                     |                                                                                                                                |
| 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)<br>Thickness:0.0025"-0.01"(0.0635-0.254mm)**<br>Max roll capacity(OD): 4.3"(109mm) Core size: 0.5"(12.7mm) /<br>Max roll capacity(OD): 4.3"(109mm) 1"(25.4mm) Optional /<br>Max roll capacity(OD): 3.8"(96.5mm) 1.5"(38.1mm) Optional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                                                                                                                                                                     |                                                                                                                                |
| Ribbon                   | Ribbon Width: 1"~4"<br>Ribbon roll – max OD: 1.45"(37mm)<br>Ribbon Length: max 92m<br>Core size – ID: 0.5"(13mm) with notch, Wax, Wax/Resin, Resin (Outside Ribbon)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                   | Ribbon Width: 1"~4"<br>Ribbon roll – max OD: 1.45"(37mm)<br>Ribbon Length: max 92m<br>Core size – ID: 0.5"(13mm) with notch, Wax, Wax/Resin, Resin (Outside Ribbon) |                                                                                                                                |
| Dimensions               | W 186mm x H 165mm x L 278mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                                                                                                                                                                     | W 189mm x H 155mm x L 285mm                                                                                                    |
| Weight                   | 2.0Kgs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                     | 1.95kgs                                                                                                                        |
| Power Source             | Universal Switching Power Supply Input: 100V~240V±10%, 1.5A, 50~60Hz, Output: 24VDC, 2.9A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                     | Universal Switching Power Supply Input: 100V~240V±10%, 1.8A, 50~60Hz, Output: 24VDC, 2.5A                                      |
| Operation Environment    | Operation Temperature: 40°F~100°F (4°C~38°C), 0% ~ 90% non-condensing,<br>Storage Temperature: -4°F~122°F (-20°C~50°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                     |                                                                                                                                |
| Optional Items           | Cutter, Stacker, RTC Card                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | Cutter, Stacker, RTC Card, 4M Asian Font Card(Traditional Chinese, Simplified Chinese, Korean and Japanese)                                                         |                                                                                                                                |
| Agency Listing           | CE, FCC, cTUVus, CCC, RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       | CE, FCC, CCC, RoHS, BSMI                                                                                                                                            |                                                                                                                                |



Desktop Label Printer  
Outstanding Series

OS-2140 203dpi



OS-2140D 203dpi



OS-214plus 203dpi



NEW

OS-314plus 300dpi





# Desktop Label Printer Outstanding Series

## Features

- 300dpi high and 203dpi low resolution models available
- Centronics Parallel, RS-232, and USB interfaces 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, memory card, font card, 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

# ARGOX

*Empower the Barcode*



## Product Values

OS-2140



OS-214plus



OS-314plus



### OS-2140 / OS-2140D

The OS-2140 / OS-2140D 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 4M Flash and 8M 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 improvements 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-2140 / OS-2140D printer.

### OS-214plus

The OS-214plus is the newest generation of Argox's most successful medium volume printer model. Its attractive and stylish design is just one of several new features and advanced functions. The significantly larger onboard memory increases print capability for producing a wider range of label applications. A full-speed USB interface adds flexibility for use with any of today's notebook and other computers. Its space-saving design offers the same small footprint and light weight as previous models for easy and convenient placement. The new OS-214plus maintains Argox's leading position as the industry standard for style, price, and performance.

\*Maximum Default Delay Time to Sleep (minutes): 5

### OS-314plus

The OS-314plus desktop barcode printer offers advanced functions and features in an attractive, space-saving design. A 300dpi thermal transfer printer, the OS-314plus provides up to 4ips print speed and multiple interfaces for meeting low-to-mid volume printing demands, and also supports PPLA/PPLB emulations. New features include a more secure, yet easy-to-open cover lock and saw tooth and blade tear-off bars for both thick and thin paper. This printer is perfect for applications such as 2D barcode labels, apparel labels, and jewelry labels printing. and its top cover also detached to support use in kiosks and other special applications. Standalone applications require only an optional scanner. Other printer options include a cutter, an RTC, and an 8-inch OD stacker, and a 4M Asian Font Card. The new OS-314plus delivers enhanced features, excellent performance, and out-standing value.



> Cutter mode



> Standalone mode with scanner



> External media stacker for 8" OD paper roll