

# Desktop Printer CP-2140M / OX-330



## Features

- Compact size and 300M ribbon capacity
- Easy media and ribbon loading
- A variety of paper sensor system for diverse applications
- Ribbon wound ink-side out or ink-side in available
- Printing speed up to 5 ips, and expanded memory for font, graphic and form storage
- Module design and easy maintenance
- Four Auto-Calibration Modes
- Printing noise improved
- Supports 1D/GS1 Data bar, 2D/Composite codes and QR barcodes, and windows true type font download available

The compact CP-2140M / OX-330 desktop printer not only saves space, it lets you install a large 300M long ribbon for bigger printing demands. Ribbons and media are easy to load, and you can select for ribbon ink-side in or ink-side out. A media sensor system delivers greater flexibility for diverse media and applications. A head-open switch initiates auto-calibration for more precise printing.

The CP-2140M / OX-330 prints at 203dpi resolution and a speed of 5ips. Standard memory includes 4MB Flash and 8MB SDRAM. The printer has a modular design for easy maintenance, and printing noise is minimal. It supports 1D/GS1 Data bar, 2D/Composite codes, QR barcodes, and Windows TrueType fonts. You can use the CP-2140M / OX-330 as a standalone printer by adding a scanner.

With the CP-2140M / OX-330 you get the convenience of a small size printer with the functions of a large printer and at a more competitive cost. It's the perfect printer for applications such as clothing tags, self-labeling, mailing, retail, shipping & receiving, inventory and patient tracking.



> Compact size printer with large 300M long ribbon capacity  
Easy media and ribbon loading

> Media Shaft Design for stabilizing paper

> Movable Reflective Sensor

> External media stacker for 8.5" OD paper roll

| Specifications           | CP-2140M / OX-330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Printing Method          | Direct Thermal / Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Printing Resolution      | 203 dpi(8 dots/mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Printing Speed           | 2~5ips (50.8~127mm/s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Printing Length          | Max 100"(2540mm) / Min 0.2" (5mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Printing Width           | Max 4.1"(104mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Memory                   | 8MB SDRAM(5MB user available)<br>4MB Flash ROM(2MB user available)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CPU                      | 32 bit RISC microprocessor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sensors                  | Media gap & black line Reflective sensor x 1 (movable)<br>Head open switch / Ribbon end sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation Interface      | LED indicator (Power/Ready)x 2, Button(Feed) x 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Communication Interface  | CP-2140M / OX-330:USB only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1D Barcodes              | <u>PPLA</u> :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><br><u>PPLB</u> :Code 39 Std. & Extended, UPC-A, UPC-E, 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, UPCI 2/5 digit add-on, GS1 Data bar (RSS) |
| 2D Barcodes              | <u>PPLA/Z</u> :MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec Barcode(PPLA only)<br><u>PPLB</u> :MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec Barcode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Graphics                 | PPLA: PCX, BMP, IMG, GDI and HEX format files<br>PPLB: PCX, Binary raster, BMP and GDI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Emulation                | PPLA, PPLB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Software - Label editing | Windows Driver Win7/Win8/Win10/Win11, LINUX Driver, macOS Driver, Raspberry Pi Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Software - Utility       | Printer Utility 、 Font Utility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Media Type               | Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Media                    | Max Width: 4.3"(110mm) Min Width: 1"(25.4mm)<br>Thickness: 0.0025"~0.01"(0.0635~0.254mm)<br>Max roll capacity(OD): 5"(127mm) / Core size: 1"(25.4mm)<br>Max roll capacity(OD): 4.5"(114.3mm) / Core size: 0.5"(12.7mm) (optional)<br>Max roll capacity(OD): 4.7"(120mm) / Core size: 1.5"(38.1mm) (optional)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ribbon                   | Ribbon roll – max OD: 2.6"(67mm)<br>Ribbon Length: max 300m<br>Core size – ID: 1"(25.4mm)<br>Ribbon Width: 1"~4.33" Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in available)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions               | L 273mm x W 225mm x H 186mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight                   | 2.1kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Power Source             | Universal Switching Power Supply AC Input:<br>100~240V, 1.8A, 50~60Hz<br>DC Output: 24V 2.4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operation Environment    | Operation Temperature: 40°F~100°F (4°C~38°C), 10% ~ 90% non-condensing,<br>Storage Temperature: -4°F~122°F (-20°C~50°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Optional Items           | Guillotine Cutter, Rotary Cutter, Stacker, RTC Card                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Agency Listing           |     BSMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

