

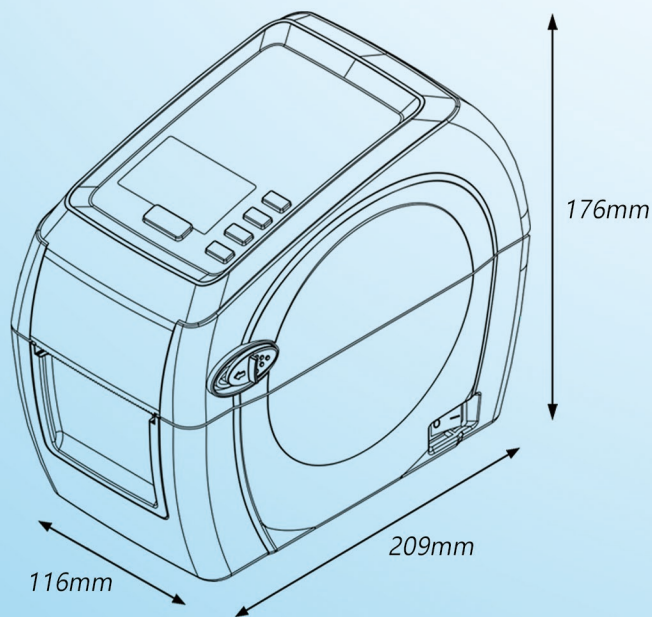


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# Direct Thermal Desktop Label Printer

## LP2 Series

Your winning code



- Maximum printing speed : 178mm (7")/sec (203 dpi)  
127mm (5")/sec (300 dpi)
- Self-developed WPL programming language can be emulated with other brand's languages (ZPL, EPL, TSPL, DPL...etc)
- 5" OD media loading space
- Rugged double-walled clamshell design
- Ethernet, Wireless 802.11 b/g/n, and Bluetooth interfaces are optional
- Free bundled labelling software "WinLabel" with database function
- External keyboard and scan gun connectivity for standalone operation (A series)
- Monochromatic 2.13" LCD supports mutple language interfaces (A series)
- Provide BASIC command for user programming (A series)



## LP2 SERIES - Desktop Label Printer

| MODEL                         | LP22DN                                                                                                                                                                                                                                                                                                                                                                                                                                               | LP23DN                     | LP22DA                                                                                  | LP23DA                     |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------|----------------------------|
| Printing method               | Direct Thermal                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |                                                                                         |                            |
| Resolution                    | 203 DPI                                                                                                                                                                                                                                                                                                                                                                                                                                              | 300 DPI                    | 203 DPI                                                                                 | 300 DPI                    |
| Max. print speed              | 178 mm (7")/second                                                                                                                                                                                                                                                                                                                                                                                                                                   | 127mm (5")/second          | 178 mm (7")/second                                                                      | 127mm (5")/second          |
| Max. print width              | 54 mm (2.13")                                                                                                                                                                                                                                                                                                                                                                                                                                        | 54 mm (2.13")              | 54 mm (2.13")                                                                           | 54 mm (2.13")              |
| Max. print length             | 2,286mm (90")                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,016mm (40")              | 2,286mm (90")                                                                           | 1,016mm (40")              |
| Enclosure                     | Double - walled plastic                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |                                                                                         |                            |
| Physical dimension            | 116mm(W) x 176mm(H) x 209mm(D)<br>4.57"(W) x 6.93"(H) x 8.23"(D)                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                                                                         |                            |
| Weight                        | 1.2 KG                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |                                                                                         |                            |
| Label roll capacity           | 127 mm (5")OD                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            |                                                                                         |                            |
| Processor                     | 32-bit RISC CPU                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |                                                                                         |                            |
| Memory                        | 8MB Flash memory, 16MB SDRAM                                                                                                                                                                                                                                                                                                                                                                                                                         |                            | 8MB Flash memory, 16MB SDRAM,<br>Micro SD card slot for expansion up to 64GB            |                            |
| Power                         | External universal switching power supply, Input: AC 100-240V, 1A, 50-60Hz, Output: DC 24V, 2.08A                                                                                                                                                                                                                                                                                                                                                    |                            |                                                                                         |                            |
| Operation switch, Button, LED | 1 power switch, 1 button,<br>2 color LEDs                                                                                                                                                                                                                                                                                                                                                                                                            |                            | 1 power switch, 4 buttons, 2 color LEDs,<br>1 Buzzer, 1 LCD (2.13", Resolution: 128x64) |                            |
| Interface                     | USB 2.0, RS-232<br>Ethernet 10/100 Mbps (option), Bluetooth(option), Wireless 802.11 b/g/n (option)                                                                                                                                                                                                                                                                                                                                                  |                            | USB 2.0, RS-232, USB Host                                                               |                            |
| Sensors                       | Transmissive sensor, Reflective sensor(adjustable), Head open sensor                                                                                                                                                                                                                                                                                                                                                                                 |                            |                                                                                         |                            |
| Internal fonts                | Seven kinds of bitmap fonts                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |                                                                                         |                            |
| Bar code                      | 1D bar code : Code 11, Code 39, Code 93, Code 128, Codabar, EAN/JAN-8, EAN/JAN-13, Interleaved 2-of-5, ITF-14, MSI Pleassy, PostCode, Telepen, UPC-A, UPC-E, UCC-128, GS1-128, Standard 2 of 5, Industrial 2 of 5<br>2D bar code : Code 16K, Code 49, Aztec Code, QR Code, PDF417, Micro PDF417, Data Matrix, Grid Matrix, Micro QR Code, MaxiCode<br>GS1 barcode : GTIN-13, GLN, GTIN-8, GTIN-14(ITF-14), SSCC, GS1-128, GS1 DataBar, GS1 Composite |                            |                                                                                         |                            |
| Printer language              | WPL (Compatible to the other printer languages as ZPL, EPL, TSPL...etc)                                                                                                                                                                                                                                                                                                                                                                              |                            |                                                                                         |                            |
| Dealer options                | Cutter - Peeler dispenser - External label stand                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                                                                         |                            |
| Media width                   | 15-62mm (0.59" ~ 2.44")                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |                                                                                         |                            |
| Media thickness               | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                                                                         |                            |
| Media core diameter           | 25.4 mm (1")                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |                                                                                         |                            |
| Label length                  | 3 ~ 4,572 mm (0.12" ~ 180")                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 ~ 2,032 mm (0.12" ~ 80") | 3 ~ 4,572 mm (0.12" ~ 180")                                                             | 3 ~ 2,032 mm (0.12" ~ 80") |
| Real time clock               | RTC (battery is not included)                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | RTC (battery is included)                                                               |                            |
| Storage condition             | -40 ~ 60°C, 10~ 90% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |                                                                                         |                            |
| Operation condition           | 5 ~ 40°C, 25 ~ 85% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                                                                                         |                            |
| Safety regulation             | CE Class B, FCC Class B, CCC, CB                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                                                                         |                            |
| Bundled software              | "WinLabel" label design software, Windows printer driver, Printer utility,<br>DLL SDK library, EXE executive AP for batch print.<br>Platform support : Windows XP SP3, Vista, 7, 8, 8.1, 10 and Server 2003, 2008, 2012, 2012R2 (32/64 bit)                                                                                                                                                                                                          |                            |                                                                                         |                            |

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