

# iE4P

iD PRT

Professional thermal transfer desktop barcode printer with 100-meter ribbon supported



- Print speed up to 8 ips.
- The modular design of print head makes the disassembly and assembly easy.
- With the function to automatically identify the printer head with 203 dpi and 300 dpi and automatically configure the printer without PC settings.
- With super large storage, DDR2 RAM 128 MB, Flash 256 MB.
- Support multiple interfaces, USB HOST, serial interface, B-type USB, Ethernet port for standard, Wi-Fi and Bluetooth module for optional.
- 2.4-inch color LCD screen with operation keys and USB HOST can easily achieve offline operation.
- With free label editing software Bartender to make the label editing convenient and easy.
- With various media to meet the demand of wide area.
- Cool black housing with clamshell structure, with external paper roll holder optional supported.



| Model                   |                       | iE4P                                                                                                                                                                                                                                                                          |
|-------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print spec              | Printing Method       | Thermal transfer                                                                                                                                                                                                                                                              |
|                         | Resolution            | 203 dpi / 300 dpi                                                                                                                                                                                                                                                             |
|                         | Max. Printing Speed   | 8 ips(203 dpi) / 6 ips(300 dpi)                                                                                                                                                                                                                                               |
|                         | Max. Printing Width   | 108 mm(203 dpi) / 106 mm(300 dpi)                                                                                                                                                                                                                                             |
|                         | Printing Length       | 2286 mm(203 dpi) / 1524 mm(300 dpi)                                                                                                                                                                                                                                           |
|                         | Protocol              | Compatible ZPL-II, EPL2, DPL, TSPL                                                                                                                                                                                                                                            |
| Media                   | Width                 | 25.4 mm ~ 118 mm                                                                                                                                                                                                                                                              |
|                         | Thickness             | 60 μm ~ 250 μm                                                                                                                                                                                                                                                                |
|                         | Roll(OD., Max)        | 127 mm                                                                                                                                                                                                                                                                        |
| Ribbon spec             | Type                  | Wax, Wax/Resin, Resin                                                                                                                                                                                                                                                         |
|                         | Width                 | 30 mm ~ 110 mm                                                                                                                                                                                                                                                                |
|                         | Inradius              | 12.7 mm                                                                                                                                                                                                                                                                       |
|                         | Max.Length            | 100 m                                                                                                                                                                                                                                                                         |
| Font                    | Resident Fonts        | Alphanumeric, Simplified Chinese, Traditional Chinese, 29 International Character Sets                                                                                                                                                                                        |
|                         | Download Fonts        | Support                                                                                                                                                                                                                                                                       |
| Barcode                 | Linear                | UPC-A, UPC-E, EAN128, Codabar, CODE128, CODE39, CODE93, EAN-8, EAN-13, UCC/EAN128, POSTNET, ITF14, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar, German Post Code, Planet 11 & 13, Japanese Postnet, Interleaved 2 of 5, Standard 2 of 5, Industrial 2 of 5, Logmars, CODE11 |
|                         | 2D                    | CODE49, CODABLOCK, PDF417, Data Matrix, Maxicode, QR Code, MicroPDF471, Aztec                                                                                                                                                                                                 |
| Sensor                  | Gap Sensor            | Transmissive (Fixed, Dual)                                                                                                                                                                                                                                                    |
|                         | Black mark Sensor     | Reflective (Adjustable, Full-Range)                                                                                                                                                                                                                                           |
|                         | Other                 | Paper out detect, Ribbon out detect, Printerhead open detection, Print head temperature detect                                                                                                                                                                                |
| Interfaces              | Standard              | USB Type B, USB HOST, RS232, Ethernet                                                                                                                                                                                                                                         |
|                         | Optional              | Wi-Fi and Bluetooth                                                                                                                                                                                                                                                           |
| Display<br>RTC Function |                       | 2.4-inch Colour TFT LCD Display<br>Equipped                                                                                                                                                                                                                                   |
| Memory                  | RAM                   | 128 MB                                                                                                                                                                                                                                                                        |
|                         | Flash                 | 256 MB                                                                                                                                                                                                                                                                        |
| Electrical              | Input                 | AC 100~240 V, 50/60 Hz                                                                                                                                                                                                                                                        |
|                         | Output                | DC 24 V, 2.5 A                                                                                                                                                                                                                                                                |
| Environmental           | Memory                | 5°C ~ 50 °C, humidity 25% ~ 85%, non-condensing                                                                                                                                                                                                                               |
|                         | Operation             | -40°C ~ 60 °C, humidity 10% ~ 90%, non-condensing                                                                                                                                                                                                                             |
| Software                | Driver                | Windows 7/8/8.1/10, Windows Server 2008/2012/2016, Linux, MacOS                                                                                                                                                                                                               |
|                         | Label Design Software | BarTender 2019 UltraLite                                                                                                                                                                                                                                                      |
| Options & Accessory     |                       | E4P External label Peeler Module,<br>External Cutter Module, External Label Roll Holder                                                                                                                                                                                       |
| Dimension (L×W×H mm)    |                       | 252×201×181                                                                                                                                                                                                                                                                   |
| Weight (Kg)             |                       | 2.15                                                                                                                                                                                                                                                                          |
| Agency Approval         |                       | CE EMC(EN 55022 Class B), FCC EMC(Class A), CCC, RoHS                                                                                                                                                                                                                         |

