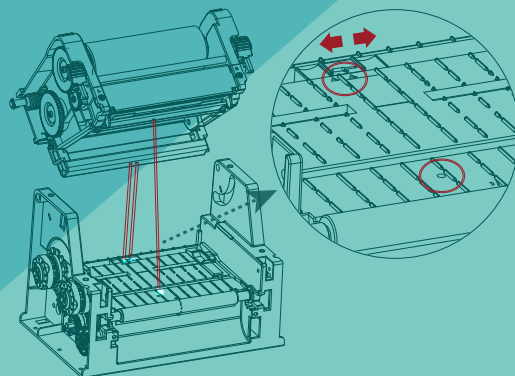


# iT4R

Professional UHF RFID  
thermal transfer printer



- Print speed up to 8 ips
- Innovative RFID antenna design
- Print before read-write check
- One-key positioning
- Label antenna location
- Simple operation
- Efficient and accurate
- Precise positioning 15mm
- Read-write of ultra small label with 15mm Inlay spacing
- Integrated UHF reader / encoder(EPC class 1Gen2/Iso18000-6c)



| Model                   |                       | IT4R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing                | Printing Method       | Thermal transfer/Direct thermal                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                         | Resolution            | 203dpi/300dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                         | Max. Printing Speed   | 8 ips (203dpi)/6 ips (300dpi)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                         | Max. Printing Width   | 108 mm(203dpi)/106 mm(300dpi)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                         | Max. Printing Length  | 2,286 mm(203dpi)/1,524 mm(300dpi)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                         | Emulation             | ZPL-II, TSPL, DPL, EPL                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Memory                  | RAM                   | 128 MB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                         | Flash                 | 256 MB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Detection               | Sensor                | Print Frame Open Detect, Ribbon End Detect, Paper Out Detect,TPH Over Heating Detect, 2 Fixed See-through sensor, Full Range Reflective Sensor                                                                                                                                                                                                                                                                                                                                        |
| Media                   | RFID Tag              | UHF RFID, 860-928MHz,EPC C1G2(ISO18000-6C)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                         | Types                 | Continuous Paper, Gap, Black Mark, Punched Hole Label                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                         | Width                 | 1"(25.4)-4.65"(118 mm), include the liner                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                         | Thickness             | 0.002"(60um)-0.01"(400um)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                         | Label Roll Diameter   | 5"(127 mm) Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                         | Core Diameter         | 0.5"(12.7 mm), 1"(25.4 mm), 1.5"(38 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ribbon                  | Type                  | Wax, Wax/Resin, Resin                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                         | Width                 | 1.18"(30 mm)-4.33"(110 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                         | Length                | 984'(300 m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                         | Core Diameter         | 1"(25.4 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Software                | Label Design Software | Bartender Ultralite                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         | Driver                | Windows 7/8/8.1/10, Windows Server 2008/2012/2016, Linux, MacOS(macOS)                                                                                                                                                                                                                                                                                                                                                                                                                |
| Resident Fonts          | Bitmap fonts          | 6, 8, 12, 16, 32, OCR A & B. 90°,180°,270° rotatable and 10 times expandable in horizontal and vertical directions                                                                                                                                                                                                                                                                                                                                                                    |
|                         | TTF fonts             | Monotype CG Triumvirate™. 0°, 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Download Fonts          | Bitmap fonts          | 90°, 180°, 270° rotatable and 10 times expandable in horizontal and vertical directions                                                                                                                                                                                                                                                                                                                                                                                               |
|                         | Asian fonts           | 16x16, 24x24. Traditional Chinese, Simplified Chinese, Japanese,Korean, 90°,180°,270°, rotatable and 8 times expandable in horizontal and vertical directions                                                                                                                                                                                                                                                                                                                         |
|                         | TTF fonts             | 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Barcodes                | 1D                    | Code 39, Code 93, EAN 8/13 (add on 2 & 5), UPC A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, I 2 of 5 with human readable check digit, Standard 2 of 5, Industrial 2 of 5 , Logmars, Code 11, Code 49, Cadablock |
|                         | 2D                    | PDF417, Data matrix code, Maxi Code, QR code, Micro PDF417, Micro QR code, Aztec code                                                                                                                                                                                                                                                                                                                                                                                                 |
| Code Page               |                       | 850, 852, 437, 860, 863, 865, 857, 861, 862, 855, 866, 737, 851, 869, WINDOWS 1250, 1251, 1252, 1253, 1254, 1255, 1257,UTF-8, UTF-16BE, UTF-16LE,DBCS 932 (JIS), 936(GBK), 949 (Koran), 950(BIG5)                                                                                                                                                                                                                                                                                     |
| Graphics                |                       | Resident graphic file types are BMP and PCX, other graphic formats are converted by the software download                                                                                                                                                                                                                                                                                                                                                                             |
| Interfaces              | Standard              | USB,USB HOST,RS232,Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                         | Optional              | Wi-Fi, Bluetooth                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Control Panel           | LCD Display           | Power switch button, FEED button, 2 indicating LEDs                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         | RTC Function          | 3.5" TFT Color Touch Panel LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                         | Power Supply          | Equipped                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                         |                       | External AC/DC switching power adapter, AC 100V-240V/DC 24V/2A/48W,Peak 5A                                                                                                                                                                                                                                                                                                                                                                                                            |
| Environment             | Operation             | 5 to 50°C@ humidity 25% to 85% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                         | Storage               | -40 to 60°C@ humidity 10% to 90% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Physical Characteristic | Dimension(L×H×W)      | 308×250×180 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                         | Weight                | 2.9 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Options & Accessory     |                       | Peeler Module, Cutter Module, External Label Roll Holder                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Agency Approval         |                       | CE EMC(55022 Class B), FCC EMC(Class A), CCC, RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                    |

