iQ4

Industrial Barcode Printer



- High-speed printing, speed up to 10 ips
- Can peel off 5 mm high small labels
- Independent transmission of peeling and rewinding, easy to install
- Support EAP protocol, WiFi 5/WiFi 6 module expansion
- Support GPIO expansion
- 2.4” LCD screen, all-metal structure



Specifications

Product Model	iQ4
Resolution	203 dpi,300 dpi
Printing method	Direct Thermal and Transfer Thermal
Max. print speed	10 ips@203 dpi,8 ips@300 dpi
Max. print width	4.1"(104 mm) @ 203 dpi, 4.17"(106 mm) @ 300 dpi
Max. print length	90"(2,286 mm) @ 203 dpi, 60"(1,524 mm) @ 300 dpi
Physical dimension(W x H x D)	10.16"(258 mm) x 11.30"(287 mm) x 15.98"(406 mm)
Weight	28 lbs(12.5 kg)
Processor	32-bit RISC CPU
Memory	256 MB Flash / 256 MB RAM
Interface	Standard: Serial RS232, USB-B, USB Host,Bluetooth 5.0 and Ethernet 10/100Base T Optional: Wi-Fi802.11a/b/g/n/ac/ax
WiFi security encryption	WEP 40/128bit, WPA Personal (PSK), WPA2 Personal (PSK) Enterprise (AES CCMP)
WiFi security authentication	EAP-TLS, EAP-PEAP
Power	Auto Range 100 ~ 240 AVC (48 ~ 62 Hz)
User interface	1 power switch 8 operation buttons(menu,feed,pause,up,down,back,enter,calibration) 5 LEDs with 3 colors 2.4" color TFT display
Sensors	Gap transmissive sensor Black mark reflective sensor (position adjustable) Head open sensor Ribbon end sensor
Internal fonts	8 resident expandable ZPL II bitmap fonts Simplified Chinese, Traditional Chinese Downloadable objects include graphics, scalable and bitmap fonts, label templates and formats IBM Code Page 850 international character sets are available in the fonts A, B, C, D, E, F, G and 0 through software control Code Page 1250, 1251, 1252, 1253, 1254, 1255, 1256 Support with font 0
Graphic formats	PCX,BMP
Barcode	1D barcode: Code 11(USD-8), Interleaved 2 of 5, Code 39, Code 93, Planet Code, EAN-8, EAN-13, UPC-A, UPC-E, Industrial 2 of 5, Standard 2 of 5, ANSI Codabar, LOGMARS, Plessey, Code 128, GS1 Databar 2D barcode: Aztec, PDF417, MicroPDF-417, UPS MaxiCode, Data Matrix, QR Code, TLC39
Font and barcode rotation	0, 90, 180, 270 degree
Printer Language	ZPL-II, TSPL, DPL, EPL2
Media type	Continuous, die-cut, black mark, fan-fold, notch
Media handling	Standard: Continuous, Tear-Off / Options: Peel-Off, Cut, and Rewind
Media width	Min 0.79"(20 mm)/ Max 4.7"(120 mm)
Media thickness	0.003"(0.08 mm) to 0.010"(0.250 mm)
Media core diameter	1.5"(38.1 mm),3.0"(76.2 mm)
Media max. roll diameter	8.0"(200 mm)
Media length	Min.: Tear-Off 0.31"(8 mm) Min.: Peel-Off 0.20"(5 mm), Cutter 1.0"(25.4 mm) Max.: 90"(2,286 mm) @ 203dpi, 60"(1,524 mm) @ 300dpi
Ribbon type	Wax, Wax/Resin, Resin
Ribbon length	1476.4 ft(450 m)
Ribbon core diameter	1.0"(25.4 mm)
Ribbon width	Min 1.18"(30 mm)/ Max 4.33"(110 mm)
Environment condition	Operating Temperature: 41° to 122°F (5° to 50°C) (limitations based on selected media) / Operating Humidity: 25 to 85% RH Non-Condensing Storage Temperature: -40° to 140° F (-40° to 60° C) / Storage Humidity: Non-Condensing
Safety Certification	CCC, FCC, CE,Energy Star
Environmental concern	RoHS, WEEE
Options	Wi-Fi802.11a/b/g/n/ac/ax Rewind Peel Guillotine cutter Rotary cutter，GPIO

iDPRT Xiamen Hanin Co.,Ltd.

ADD: 5F, 10# Building, Gaoqi South 12 Road, Aide Industrial Park, Huli District, Xiamen, P.R China
TEL: +86-(0)592-5932525 FAX: +86-(0)592-5885992
WEB: www.idprt.com EMAIL: info@idprt.com

iDPRT 202504

iDPRT Official Website