



Industrial RFID Printer iX4RT with Touch Screen (203 / 300 / 600 dpi)

Model iX4RT · Brand: Identium



An industrial RFID printer and encoder with a metal frame and a 4.3-inch touch screen. It prints, encodes and verifies UHF labels in one pass, handles flexible on-metal labels, and comes in 203, 300 and 600 dpi versions.

KEY FEATURES

- Prints, encodes and verifies UHF RFID labels in one pass (EPC Gen2 / ISO 18000-6C)
- 203, 300 or 600 dpi; up to 8 ips at 203 and 300 dpi
- 4.3-inch IPS touch screen, five keys and three status lights
- Flexible on-metal labels and plain labels; locates labels as short as 4 mm
- Graphical RFID calibration and one-touch media calibration
- USB and Ethernet; Labelsoft label software and SDKs for C#, Java, VC and HTML5

APPLICATIONS

Warehouse and carton labelling

Asset tagging with on-metal labels

Retail and apparel tags

Library and file labels

Manufacturing WIP labels

SPECIFICATIONS

Model	iX4RT (iX4RT-203, iX4RT-300, iX4RT-600)
Type	Industrial RFID printer and encoder
Printing method	Direct thermal and thermal transfer
Resolution	203 dpi (8 dots/mm), 300 dpi (11.8 dots/mm) or 600 dpi (24 dots/mm)
Print speed	Up to 8 ips (203.2 mm/s) at 203 and 300 dpi; up to 3 ips (76.2 mm/s) at 600 dpi
Print width	Up to 108 mm at 203 dpi; 105.6 mm at 300 and 600 dpi
Print length	Up to 4,000 mm at 203 dpi; 2,000 mm at 300 and 600 dpi

RFID	UHF reader/encoder, EPC Gen2 / ISO 18000-6C; HF/NFC version on request
Media	Roll-fed, die-cut, continuous, fan-fold, tags and tickets; 20–118 mm wide; 0.06–1.5 mm thick including liner; flexible on-metal labels supported
Media roll	Up to 127 mm outer diameter on a 25.4 mm (1-inch) core or larger
Ribbon	Wax, wax/resin or resin; up to 110 mm wide and 300 m long, 70 mm max. outer diameter, 1-inch or 0.5-inch core
Media sensor	Adjustable reflective and transmissive
Memory	32 MB flash, 16 MB SDRAM
Barcodes	1D: Code 39, Code 93, Code 128, Codabar, EAN-8/13/128, Interleaved 2 of 5, UCC-128, UPC A/E; 2D: Data Matrix, MaxiCode, PDF417, QR
Interface	USB, Ethernet (LAN)
Display and controls	4.3-inch IPS touch screen (480 × 800), five keys, three status lights
Software	Labelsoft label design, encoding and printing software for Windows; SDKs for VC, C#, Java and HTML5
Power	Built-in supply, 85–264 V AC, 47–63 Hz, 150 W
Weight	12.5 kg
Dimensions	299 × 410 × 270 mm (W × D × H)
Operating environment	0–40 °C, 5–85 % RH non-condensing
Storage environment	–40 to +60 °C, 5–85 % RH non-condensing
Options	Cutter, peeler