R170*Xi*

RFID Smart Label Printer/Encoder

Weber's R170*Xi* from Zebra Technologies is a wide-web RFID label printer/encoder that produces smart labels compliant with Electronic Product Code (EPC) Gen 1 and Gen 2 protocols.

The unit is designed to help suppliers meet the developing RFID supply chain requirements of major retailers and government agencies. And because its firmware is upgradeable to support new protocols, users are assured that they can seamlessly upgrade to future RFID protocols as needed. .

The R170*Xi* encodes case- and pallet-level identification on very thin, UHF inlays embedded in pressure-sensitive smart labels, then instantly verifies the accuracy of that information.

The system also prints text, scannable linear and 2-D bar codes, and/or graphic images on labels at a resolution of 203- or 300-dpi. Labels from 2" to 7.1" wide and 39" long can be dispensed by the printer at speeds up to 12" per second.

Built of heavy-gauge steel on Zebra's time-tested *Xi* platform, the R170*Xi* is intended for high performance and operational durability in demanding environments.

The R170*Xi* also provides XML-enabled printing to permit direct smart label printing and encoding from leading MRP applications.

Pressure-sensitive smart labels embedded with various EPC UHF RFID inlays are supplied by Weber. The same labels also are recommended for high-quality direct thermal or thermal-transfer imprinting. Compatible thermal-transfer ribbons also are available from Weber.

Options

- Expandable memory

- Prints and encodes multiple RFID protocols
- 203- or 300-dpi print resolution
- Handles media up to 7.1" wide
- Operates at up to 12"/sec.

Zebra AUTHORIZED RFID SPECIALIST

Weber®

R170Xi

RFID Printer/Encoder Specifications

Supported Transponder Type
EPC Gen 1 and Gen 2; upgradeable to support future protocols

Printing Method
Thermal-transfer or direct thermal

Thermal Head
203-dpi (8 dots/mm) or
300-dpi (12 dots/mm)

Label Width*
2.0" to 7.1"
(51mm to 180mm)

Label Depth Minimum*
0.25" (6mm)

Label Depth Maximum*
39.0" (991mm)

Print Width
Up to 6.0" (168mm)

Print Length
Up to 39.0" (991mm)

Print Speed
203 dpi: Up to 12.0" (305mm) per second
300 dpi: Up to 8.0" (203mm) per second

** Label width and depth dependent on RFID inlay*

Bar Code Symbologies
Linear bar codes: Code 11, Code 39, Code 93 (USS-93), Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 of 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, Planet Code, RSS

2D bar codes: Codablock, PDF-417, Code 49, Data Matrix, MaxiCode, QR Code, Micro PDF417, TLC 39, RSS

Available Character Heights
0.044" to 2.95" (1.1mm to 75mm)

Available Character Widths
0.029 to 2.36" (0.74mm to 59.9mm)

Memory
4 MB Flash, 16 MB SDRAM
Optional: Compact Flash (up to 1 GB)

Operator Controls/Indicators
Color-coded operator cues with backlit LCD control panel; auto-calibration; real-time clock

Dimensions
13.15"W x 15.5"H x 19.5"D
(334mm x 394mm x 495mm)

Weight
67 lbs. (30.5kg)

Media Sensor
Transmissive

Communication Interface
- RS-232/422/485 serial port
- Bi-directional parallel interface
- Optional Ethernet Zebra Net PrintServer II

Electrical
Auto-ranging 90-265 VAC; 48-62Hz

Environment
Thermal-Transfer Operating Temp:
40F to 104F (5C to 40C)
Direct Thermal Operating Temp:
32F to 104F (0C to 40C)
Storage Temp:
-40F to 140F (-40C to 60C)
Humidity:
20% to 85% non-condesnsing R.H. (operating);
5% to 85% non-condensing R.H. (storage)

Zebra AUTHORIZED RFID SPECIALIST

Weber Marking Systems, Inc.

World Headquarters
Weber Marking Systems, Inc.
711 W. Algonquin Road
Arlington Heights, IL 60005-4457
Phone: 847.364.8500
Fax: 847.364.8575
info@webermarking.com
www.webermarking.com

Canada
Weber Marking Systems of Canada
6180 Danville Road
Mississauga, Ontario L5T 2H7
Phone: 905.564.6881
Fax: 905.564.6886
info@webermarking.ca
www.webermarking.ca

United Kingdom
Weber Marking Systems UK
Macmerry Industrial Estate
Tranent, East Lothian EH33 1HD
Scotland
Phone: +44.187561.1111
Fax: +44.187561.3310
sales@weber.co.uk
www.weber.co.uk

Germany
Weber Marking Systems GmbH
Honnefer Strasse 41
D-53572 Unkel/Rhein, Germany
Phone: +49.2224.77080
Fax: +49.2224.770820
info@webermarking.de
www.webermarking.de
www.bluhmsysteme.com

Thailand
Weber Marking Systems (Thailand), Ltd.
39/73 Samutsakom Industrial Estate
Moo 2, Rama 2 Road,
Bang Ka-Jao, Muang,
Samutsakom 74000, Thailand
Phone: +66.34.490639
Fax: +66.34.490.638
E-mail: sales@weber.co.th

Belgium
Weber Marking Systems SA
Interleuvenlaan Nr. 23, Bus 2
3001 Leuven-Heverlee, Belgium
Phone: +32.16.38.79.50
Fax: +32.16.38.79.59
E-Mail: info@webermarking.be

Denmark
Bluhm Danmark A/S
Nordkrogen 7
DK-7300 Jelling, Denmark
Phone: +45.75.87.26.00
Fax: +45.75.87.26.10
salesdk@bluhmsysteme.com
www.bluhmsysteme.dk

France
K-Roll Etiquetage
ZI de Montaudran
15 impasse Didier Daurat-BP 44419
31405 Toulouse Cedex 4, France
Phone: +33.562.47.2737
Fax: +33.562.47.1626
k-roll@k-roll.fr
www.k-roll.fr

Austria
Bluhm Systeme GmbH
Rüstorf 82
A-4690 Schwanenstadt, Austria
Phone: +43.7673.4972.15
Fax: +43.7673.4974
gresch@bluhmsysteme.com

Ireland
Weber Labelling & Coding Ltd.
Kilcannon Industrial Estate,
Old Dublin Road,
Enniscorthy, County Wexford, Ireland
Phone: ++353.53.9233778
Fax: ++353.53.9233284
sales@weberireland.com

Weber®

www.webermarking.com

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