



RW Series™

Mobile Printing for Businesses on the Go

Printers that travel with you

The RW 420 is designed with the travelling workforce in mind. Whether it's receipts, invoices or service reports, the RW 420 provides a convenient way of printing them en route. Its wireless connectivity options avoid the need for a cable, and battery-charging is not a problem. With the vehicle cradle, it can be recharged whilst travelling.

Versatile and rugged

Carry the RW 420 on a belt or strap while on foot then stow it in the vehicle cradle while driving to the next call.

Uniquely designed for harsh outdoor environments, you can bounce it around, carry it in the rain, drop it on the pavement and expect reliable performance.



RW Series™

- Bluetooth® or 802.11b wireless options
- IP 54-rated for dust and water
- Drop specification: multiple 1.8-metre drops to concrete
- Optional magnetic stripe and EMV-certified smart card readers
- Optional vehicle cradle for docking and charging

For further information on these products, please visit the Zebra web site at:
www.zebra.com



Zebra Technologies™

European Headquarters
Zebra House, The Valley Centre
Gordon Road, High Wycombe
Buckinghamshire HP13 6EQ
United Kingdom
Tel: +44 (0)1494 472872
Fax: +44 (0)1494 450103

Regional Sales Office
Mollsfeld 1
D-40670 Meerbusch
Germany
Tel: +49 (0) 2159 6768 0
Fax: +49 (0) 2159 6768 22

Regional Sales Office
50 rue Marcel Dassault
F-92100 Boulogne-Billancourt
France
Tel: +33 (0)1 55 20 93 93
Fax: +33 (0)1 55 20 93 99

International Headquarters
333 Corporate Woods Parkway
Vernon Hills, IL 60061-3109
USA
Tel: +1 847 793 2600
Fax: +1 847 913 8766

Other Locations

United States: California, Florida, Rhode Island, Wisconsin

Europe: Denmark, Italy, Spain, Sweden

Asia-Pacific: Australia, China, Japan, Singapore, South Korea

Middle East: Dubai



Reliability on demand™



© 2005 Zebra Technologies
Europe Limited
Printed in the UK

FS-30902
An ISO 9000 registered company

#12552L (01/05)

Specifications at a Glance*

Standard Features

- Print method: Direct thermal
- Four-button angled LCD
- Serial and USB interfaces
- Advanced 32-bit architecture for high-speed processing
- Smart battery management (monitors battery for longer life and performance)
- Construction: Impact-modified polycarbonate, abrasion-resistant rubber overmould
- Drop specification: six-foot multiple drops to concrete
- LCD: ergonomic, angled display for better viewing
- Strain relief
- RS-232 serial interface
- Fanfold slot for accepting external media
- Self-centring media holders
- Auto-detect firmware load

Programming Languages

- Programming Language: Native CPCL with ZPL and EPL emulations (standard)

Operating Characteristics

Environment

- Meets IP 54 rating
- Operating Temp. -20°C /-4°F to 55°C/131°F
- Storage/Environ. -30°C/-22°F to 65°C/149°F
- Operating Humidity 10-90% non-condensing
- Storage Humidity 10-90% non-condensing

Electrical

- Standard 4.0 a.h. 7.4V battery
- External charging options (vehicle and a.c.)
- Shock-mounted internal components

Communication Interface Capabilities

- Bluetooth® v.1.2 or 802.11b (optional)
- Standard cable connection: RS-232, RJ-45 10-pin
- Selectable baud rate: 9.6 to 115.2 Kbps
- XON/XOFF or hardware flow control (RTS/CTS)
- USB 2.0 full-speed support, 12 Mbits/second

Agency Approvals

- FCC Part 15 Class B, VCCI Class B, NOM/NYCE CE compliance (Class B), C-Tick

Media Characteristics

Max. Roll Size (O.D.)

- 57mm/2.25"

Max. Media Width

- 105mm/4.12"

I.D. core

- 19mm/0.75" or 34.9mm/1.38"

Thickness

- 0.05mm/0.002" – 0.16mm/0.0063"

Media Types

- Direct thermal tags or receipt paper, synthetic media, UV coated media, limited label support
- Fanfold media support

For optimum print quality and print engine performance, use genuine Zebra supplies.

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard fonts: 25 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed)**
- Optional fonts: downloadable bitmapped and scalable fonts
- International character sets (optional): Chinese 16x16 (trad), 16x16 (simplified), 24x24 (simplified); Japanese 16x16, 24x24, Hebrew/Arabic

Graphic Features

- Supports user-defined fonts and graphics – including custom logos

Bar Code Symbologies

- Linear bar codes: Code 39, Code 93, UCC/EAN 128, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, EAN 14, UPC and EAN 2 or 5 digit extensions, Plessey, FIM Postnet, Interleaved 2 of 5, MSI, Codabar
- 2-Dimensional: PDF417, Data Matrix, MaxiCode, RSS, Composite Symbology, QR

Options and Accessories

- Magnetic stripe reader and EMV-certified smart card reader
- Lithium-Ion fast AC charger
- Lithium-Ion quad charger
- Fanfold bin
- Cigarette-lighter charger (for in-vehicle charging)
- Vehicle cradle for docking and charging
- Ram mount kit
- Shoulder strap/hand strap
- Environmental soft case
- Label Vista™ software for native CPCL

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice.

**Contains UFST® from Agfa Monotype Corporation.

© 2005 Zebra Technologies Europe Limited. Reliability on demand, Label Vista and all product names and numbers are Zebra trademarks, and Zebra, the Zebra logo and ZPL are registered trademarks of Zebra Technologies Europe Limited. All rights reserved. Bluetooth is a registered trademark of the Bluetooth SIG, Inc. CG Triumvirate is a trademark of Agfa Division, Miles Inc. UFST is a registered trademark of Agfa Monotype Corporation. All other trademarks are the property of their respective owners.



R W Series™

Applications include:

- Invoices
- Delivery receipts
- Service estimates
- Sales orders
- Inspection reports
- Inventory management

Maximum Print Area

Width: 104mm (4.09")

Length: continuous

Resolution

8 dots per mm (203dpi)

Maximum Print Speed

76.2mm (3") per second

Memory

4MB flash, 8MB DRAM

Physical Characteristics

Base Version:

Width: 160mm (6.3")

Depth: 76mm (3.0")

Height: 175mm (6.9")

Weight: 907g (2.00lb)

Card-reader Version:

Width: 160mm (6.3")

Depth: 79mm (3.1")

Height: 175mm (6.9")

Weight: 975g (2.15lb)

Media Specifications

Media width: 51mm (2") to 105mm (4.12")

