

ZEBRA® HC100™ WRISTBAND PRINTER



The HC100 wristband printer with integrated media cartridge offers a total solution for wristband printing.

DESIGNED WITH THE USER IN MIND

Zebra's complete and integrated wristband solution combines our new small-footprint HC100 thermal printer with easy-to-load cartridges containing Zebra's patent-pending antimicrobial Z-Band® Direct wristbands. Its smart technology senses the wristband type and auto calibrates the settings for optimised print quality.

The design of the HC100 provides easy-to-use features that require minimal, if any, user interaction. There is minimal training required to use the HC100 or to load or switch the cartridge – it's a quick and simple task.

The HC100 printer is designed for wristband printing. Administrators can quickly process patient admissions without having to change the media in the printer. It also eliminates waste by printing only the required number of wristbands.



KEY FEATURES

- Compatible with hospital IT systems
- Flexible connectivity options, including wireless
- High-quality text and bar-code printing
- Compact footprint

IDEAL FOR:

- Healthcare
- Leisure
- Hospitality

GET THE MOST OUT OF YOUR RESOURCES, PUT GENUINE ZEBRA SUPPLIES IN!

The easy-to-load cartridges contain our Z-Band wristbands, supplied with our patent-pending antimicrobial coating as standard.

- The cartridges are available with adult-, child- or neonatal-size wristbands
- Each cartridge is labelled with the wristband size, colour and part number, so you can easily identify the type of wristband in the printer

▶ For more information, visit www.zebra.com



SPECIFICATIONS AT A GLANCE*

STANDARD FEATURES

- Automatic media loading – no user contact with the media during loading or removal
- Direct-thermal printing of bar codes, text and graphics
- Dual-wall frame, impact-resistant plastic
- ZPL® or ZPL II® programming language
- 32-bit RISC processor
- 16MB SDRAM memory as standard (4MB available to user)
- 8MB flash memory as standard (2MB available to user)
- Zebra E³™ Printhead Energy Control
- Dual communications interface: serial and USB
- Odometer for print-length tracking
- Illuminated media status indicator
- Tool-less printhead and platen replacement
- Unicode™-compliant for multi-language printing
- Instant media calibration – no wasted media
- 16 resident expandable bitmap fonts
- One resident scalable font
- Head-up sensor
- Standard tear-off mode feature
- XML enabled printing – allows XML communications from information systems

PRINTER SPECIFICATIONS

Resolution:

- 12 dots per mm/300dpi

Maximum print length:

- 558mm/22.0"

Minimum print length:

- 76mm/3"

Print widths:

- 19.05mm/0.75", 25.4mm/1", 30.16mm/1.1875"

Maximum print speed:

- 51mm/2" per second

MEDIA CHARACTERISTICS

- **Wristbands** feature patent-pending silver antimicrobial coating, which test results show effectively prevents the wristband from harbouring *S. aureus*, *P. aeruginosa*, *E. coli* and MRSA
- **Wristband options:**
 - **Closure**
 - Adhesive (Z-Band Direct)
 - Clip (Z-Band QuickClip™)
 - **Three sizes**
 - Adult
 - Child
 - Neonatal

- **Six colour options for colour-coding**
 - Clips: red, blue, yellow, green and pink
 - Z-Band Direct adhesive-closure wristbands: red, blue, yellow, green, orange and pink (adult size only)

OPERATING CHARACTERISTICS

HC100 environmental specifications

- Operating temperature: 40° to 104°F (4.4° to 40°C)
- Storage temperature: -40° to 140°F (-40° to 60°C)
- Operating humidity: 20% to 85% non-condensing R.H.
- Storage humidity: 5% to 85% non-condensing R.H.

Wristband cartridge environmental specifications

- Service temperature: -40° to 140°F (-40° to 60°C)
- Storage temperature: 32° to 70°F (0° to 21°C) at 35% to 50% RH

Electrical

- Universal power supply (PFC-compliant) 100–240VAC, 50–60Hz

Agency approvals

- Emissions: FCC Part 15, Subpart B, VCCI, C-Tick
- Emissions and Susceptibility: (CE): EN 55022 Class B and EN 55024
- Safety: CB Scheme IEC 60950-1:2001, TÜV NRTL
- Power Supply: IEC 60601-1:1995

PHYSICAL CHARACTERISTICS

- Width: 127mm/5"
- Height*: 178mm/7"
- Depth: 242mm/9.5"
- Weight: 1.4kg/3.1lb

**Requires 153mm (6") clearance above printer to load cartridge

OPTIONS AND ACCESSORIES

- Ethernet – ZebraNet® 10/100 Internal Print Server – factory-installed only, offered in combination with serial and USB interfaces
- Wireless 802.11 b/g – ZebraNet Internal Wireless Plus Print Server – factory-installed only, offered in combination with serial/USB interface
- Font packs – Asian and other international font kits
- Factory-installed 64MB (58MB user-available) flash memory option
- ZBI 2.0™ – factory- or field-installed

ZEBRALINK™ SOLUTIONS

Software

- ZebraDesigner™ Pro
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v7.0
- ZebraDesigner Driver
- Zebra Universal Driver
- ZBI 2.0
- ZBI-Developer™

Networking options

- Ethernet – ZebraNet 10/100 Internal Print Server
- Wireless 802.11 b/g – ZebraNet Internal Wireless Plus Print Server

Firmware

- ZPL II
- Web View
- Alert

BAR CODE SYMBOLOGIES

Linear bar codes:

- Codabar, Code 11, Code 39, Code 93, Code 128, EAN-8, EAN-13, EAN-14, GS1 DataBar™ (formerly RSS), Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, Standard 2-of-5, UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extensions

Two-dimensional:

- Aztec Code, Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code

FONTS AND GRAPHICS

- Character fonts: Standard bitmapped Zebra fonts: A, B, C, D, E (OCR-B), F, G, H (OCR-A), GS, P, Q, R, S, T, U, V & Ø Smooth font (CG Triumvirate™ Bold Condensed)
- Supports user-defined fonts and graphics – including custom logos
- Bitmap fonts are expandable up to 10 times, height- and width-independent. Fonts E and H (OCR-B and OCR-A), however, are not considered in spec when expanded
- Smooth-scalable font Ø (CG Triumvirate Bold Condensed) is expandable dot-by-dot, height- and width-independent, while maintaining edges to a max. 1500 x 1500 dots

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

*Specifications subject to change without notice.

©2008 ZIH Corp. E³, QuickClip, ZBI 2.0, ZBI-Developer, ZebraDesigner, ZebraLink, ZebraNet and all product names and numbers are Zebra trademarks, and Zebra, representation of Zebra Head, Z-Band, ZebraNet, ZPL and ZPL II are registered trademarks of ZIH Corp. All rights reserved. GS1 DataBar is a trademark of GS1 US, Inc. CG Triumvirate is a trademark of Monotype Imaging, Inc. Unicode is a trademark of Unicode, Inc. All other trademarks are the property of their respective owners.

THINKING ABOUT MOBILISING YOUR STAFF?

The use of mobile printers in a healthcare environment improves productivity and can reduce errors, improving patient safety.



To find out how you could benefit from a Zebra mobile-printing solution, please visit www.zebra.com or e-mail mseurope@zebra.com



Zebra Technologies – EMEA Headquarters

Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5XF, United Kingdom

Telephone: +44 (0)1628 556000 E-mail: mseurope@zebra.com

Other EMEA Locations

Europe: France, Germany, Italy, the Netherlands, Poland, Spain, Sweden Middle East, Africa & India: Dubai, India, South Africa