Zebra® HC100™ Wristband Printer

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An ideal solution for wristband printing

The HC100 wristband printer has been designed with the user in mind. Combining our small-footprint HC100 thermal printer with easy-to-load cartridges, it offers an ideal solution for wristband printing. The wide ranges of available wristbands are suitable for healthcare, hospitality and leisure applications.

Its easy-to-load features require minimal, if any, user action, whilst its smart technology senses the wristband type and auto-calibrates the settings for optimised print quality and reduced waste. There is minimal training required to use the HC100 printer or to load or switch the cartridge – it's a quick and simple task.

The wide range of available colours, together with waterproof adhesives, combine fun and function, ideal for theme and amusement venues. The faster print speeds reduce queues, while high-quality print images are well suited for access-control applications.

The HC100 printer is resistant to most hospital disinfectants and prints all industry-standard one-dimensional and two-dimensional barcode symbologies, allowing administrators to process patient admissions quickly and safely without having to change the media in the printer. A wide variety of long-lasting healthcare wristbands is available with Zebra's patent-pending antimicrobial material, including infant sizes, ultra-soft, comfort and QuickClip™ versions.

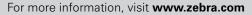**Ideal for:**
- **Healthcare**
- **Leisure**
- **Hospitality**

Applications:
- **Theme parks**
- **Sporting events**
- **Resorts and hotels**
- **Access control**
- **VIP**
- **Guest/Visitor admissions**
- **Hospital admissions**
- **Patient ID**

Get the most out of your resources: put genuine Zebra supplies in!

Each easy-to-load cartridge is labelled with the wristband size, colour and part number so you can easily identify the type of wristband in the printer.

- Z-Band® wristbands are supplied with our patent-pending antimicrobial coating as standard and are available in adult, child and neonatal sizes with self-adhesive or clip closure
- One-size-fits-all Fun and Splash wristbands come in a range of colours, are available with waterproof adhesive, and are suitable for single and multi-day use

For more information, visit **www.zebra.com**

ENERGY STAR

SPECIFICATIONS AT A GLANCE*

ZEBRA HC100 WRISTBAND PRINTER

Standard features

- Automatic media loading – no user contact with the media during loading or removal
- Automatic print speed setting – up to 102mm/second depending on installed cartridge
- Direct-thermal printing of barcodes, 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

Maximum print length
- 558mm/22.0"

Minimum print length
- 76mm/3"

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

Resolution
- 300dpi/12 dots per mm

Maximum print speed
- 51mm/2" per second (Healthcare)
- 102mm/4" per second (Z-Band Fun & Z-Band Splash) July 2012

Media characteristics

Zebra offers a comprehensive range of wristband solutions for healthcare and hospitality industries.

Healthcare wristband:
- Self-adhesive or clip closure
- Adult, child and neonatal sizes
- Designed specifically for use in hospital environments in order to improve patient care and safety. Independently tested to endure a typical hospital stay

Use antimicrobial wristbands (which include biocides) safely. Always read the label and product information before use.

Hospitality wristbands
- One-day and multi-day band options
- Seven bright glossy colours
- Designed for amusements, attractions, sporting events and resorts
- Variable on-demand printing enables cashless transactions and overall smarter event management

Operating characteristics

Environment
- Operating temperature: 4.4ºC to 40ºC (40ºF to 104ºF)
- Storage temperature: -40ºC to 60ºC (-40ºF to 140ºF)
- 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°C to 60°C (-40°F to 140°F)
- Storage temperature: 0°C to 21°C (32°F to 70°F) 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" (Requires 153mm (6") clearance above printer to load cartridge)
- Depth: 242mm/9.5"
- Weight: 1.4kg/3.1lb
- Healthcare wipeable plastic is designed to resist a variety of disinfectants, chemicals and cleaning solutions. See zebra.com for full list

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 and USB interface
- Font packs – Asian and other international font kits
- Factory-installed 64MB (58MB user-available) flash memory option
- ZBI 2.0™ (optional)

Fonts/Graphics/Symbologies

Fonts and character sets
- 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

Barcode symbologies
Linear barcodes:
- 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

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 802.11b/g – ZebraNet Internal Wireless Plus Print Server
- Zebra POS Driver

Firmware
- ZPL II
- Web View
- Alert

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