



# Introducing Zebra's Revolutionary HC100™ Patient I.D. Solution

Bar coded wristband printing made easy and cost effective





## *Have you thought about what laser wristband printing is really costing you?*

At first glance, laser may seem like an adequate print technology for wristbands. But, in reality, the hidden costs as well as staff inefficiencies and frustrations add up fast:

- With laser, the adhesive backing on the wristband and label forms can ooze and cause performance problems for the printer. This leads to increased help desk calls and higher maintenance costs.
- Laser toner is expensive, and more toner is used to print high-density bar codes than plain text.
- Laser wristband printing can be time consuming and labor intensive. With some laser bands, the staff must load forms into a special tray, print labels, apply a label to the band, and then fold a laminate coating over the band to protect the bar code image.
- Many laser forms include extra wristbands and labels that are not needed and must be destroyed under HIPAA guidelines.

Zebra's new HC100 Patient I.D. Solution overcomes all of these obstacles. Now your hospital staff can produce and attach a long-lasting, antimicrobial-coated thermal wristband in just two steps. No wasted time with the cumbersome wristband assembly many laser solutions require. No jammed laser printers. No toner. No ribbon. It's that simple.



## Count on Zebra

*Zebra is a global leader in on-demand specialty printing solutions, and is a proven pioneer in bringing their benefits to hospitals and other healthcare facilities worldwide. You can trust us and our authorized partners for unparalleled bar coding expertise, just as many other leading healthcare providers do. In addition, we serve many Global 2000 companies and 90 percent of the Fortune 500.*



### **Introducing the HC100 Patient I.D. Solution: an easy and cost-effective way to improve patient safety**

This all-in-one print solution combines the reliable HC100 direct thermal printer with easy-to-load cartridges containing the only antimicrobial-coated wristbands on the market—Zebra's Z-Band® wristbands.

There's minimal training required! Pop the wristband cartridge into the printer and the HC100 automatically detects the wristband size, immediately calibrates, and prints. You get long-lasting wristbands with bar codes that remain scannable for longer than the average patient stay. When the cartridges are empty, return them for recycling.

For optimal printing quality and proper printer performance, the HC100 printer is designed to work only with cartridges of genuine Zebra™ Z-Band wristbands.

Zebra partners with the leading Admissions Discharge Transfer (ADT) software providers to enable hospitals' easy integration of our wristband print solutions.

For added peace of mind and a cost-effective way to plan for your annual maintenance expenditures, protect your investment with a ZebraCare™ service agreement.



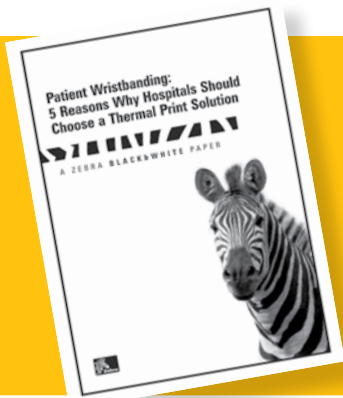


### Patient safety starts at the wrist

Zebra's HC100 Patient I.D. Solution accommodates our entire line of white and color Z-Band wristbands—both Z-Band Direct with an adhesive tab and Z-Band QuickClip™ with clip closure—in infant, pediatric and adult sizes. Bar codes on Z-Band wristbands are proven to withstand water, soaps, foams, alcohol and other common solvents found in a healthcare environment and remain scannable for longer than the average patient stay.

For added patient protection, Z-Band wristbands are the only bands on the market to feature our patent-pending antimicrobial coating. Independent lab tests have shown this coating protects the wristband against *S. aureus*, *E. coli*, *P. aeruginosa*, and MRSA Type II, III, and IV—the leading causes of hospital infections.

Z-Band additionally meets the patient I.D. guidelines of the American Hospital Association, the Joint Commission and the Health Insurance Portability and Accountability Act (HIPAA).



### Learn more about why thermal printing is the better choice for hospitals

Download our free white paper, *Patient Wristbanding: 5 Reasons Why Hospitals Should Choose a Thermal Print Solution*, by visiting [www.zebra.com/14583L](http://www.zebra.com/14583L).



*With better connectivity options and a smaller footprint than any laser printer, the HC100 printer works with your network and fits your workspaces. »*



### **Choose the HC100 Patient I.D. Solution for a lower total cost of ownership than laser**

The HC100 Patient I.D. Solution uses thermal print technology, which in the long run saves time and money over laser printing.

- » Avoid the wasted wristbands and labels that come with laser printing. With the HC100, you print wristbands as needed. And the HC100 automatically calibrates to the wristband size.
- » Laser printing requires expensive toner, and printing bar codes uses more toner than printing plain text. With the direct thermal HC100, there's no toner and no ribbons.
- » Wristbanding with the thermal HC100 Patient I.D. Solution is considerably less labor intensive than with most laser wristband solutions. Zebra's solution requires two simple steps—print the wristband and place it on the patient. Many laser solutions require six or seven steps to print and assemble the bands.
- » With laser, the adhesive backing on the wristband and label forms can ooze and cause performance problems for the printer. This leads to increased help desk calls and higher maintenance costs.



### **Purchase the HC100 off a GPO contract**

*The HC100 Patient I.D. Solution is available through these GPO contracts:*

*Amerinet, HealthTrust  
HPG, MAGNET,  
MedAssets and Premier.*



# HC100™ Patient I.D. Solution Technical Specifications\*



For more detailed technical specifications, please visit [www.zebra.com](http://www.zebra.com)

## STANDARD FEATURES

- Quick & easy media cartridge loading
- Automatic media loading—no user contact with the media during loading or removal
- 300 dpi print resolution (12 dots/mm)
- Prints at 2 inches/second
- 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
- 16 MB Std SDRAM memory (4 MB available to user)
- 8 MB Std Flash memory (2 MB available to user)
- Zebra E3™ Printhead Energy Control
- Dual communications interface: Serial & USB
- Odometer for print length tracking
- Illuminated Media Low/Media Out indicator
- Tool-less printhead and platen replacement
- Unicode compliant for multi-language printing
- XML-Enabled printing—allows XML communications from information systems
- Instant media calibration—no wasted media
- 16 resident expandable bitmap fonts
- One resident scalable font
- Standard tear-off mode feature

## PRINTER SPECIFICATIONS

- Resolution: 300 dpi/12 dots per mm
- Memory:
  - 16 MB Std SDRAM memory (4 MB available to user)
  - 8 MB Std Flash memory (2 MB available to user)
  - 64 MB (58 MB user available) Flash Memory (Factory installed option)
- Maximum print length: 22.0" (558 mm)
- Minimum print length: 3" (76 mm )
- 3 media widths:
  - 0.75", 1", 1.1875" (19.05, 25.4, and 30.16 mm)
- Print speed: 2"/51mm per second
- Media sensors:
  - Head-up, Media low, and Media out sensors

## NETWORKING OPTIONS

**Ethernet—ZebraNet 10/100 Internal Print Server**—Factory installed only, offered in combination with serial and USB interfaces

**Wireless 802.11 b/g**—Factory installed only, offered in combination with serial and USB interfaces. Advanced wireless security—including WPA and WPA2

## AGENCY APPROVALS

**Emissions:** FCC Part 15, Subpart B, VCCI, C-Tick

**Emissions and Susceptibility:** (CE): EN55022 Class-B, and EN55024

**Safety:** CB Scheme IEC 60950-1:2001, TUV NRTL

**Power Supply:** IEC 60601-1:1995

## MEDIA CHARACTERISTICS

Wristbands feature patent-pending silver antimicrobial coating, which test results show effectively protects the wristband against *S. aureus*, *P. aeruginosa*, *E. coli*, and MRSA

### Z-Band Direct (adhesive closure)

Band	Size	Available Colors
Adult	0.75" x 11" (19.05 mm x 279.4 mm)	White
Adult	1" x 11" (25.4 mm x 279.4 mm)	White, Red, Blue, Yellow, Green, Orange, Pink, Purple
Adult	1.1875" x 11" (30.16 mm x 279.4 mm)	White
Pediatric	1" x 7" (25.4 mm x 177.8 mm)	White
Infant	1" x 6" (25.4 mm x 152.4 mm)	White

### Z-Band QuickClip (clip closure)

Adult	1.1875" x 11" (30.16 mm x 279.4 mm)	Red, Blue, Yellow, Green, Pink, and Purple clips
Infant/Pediatric	1" x 7" (25.4 mm x 177.8 mm)	Red, Blue, Yellow, Green, Pink, and Purple clips



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\*Specifications subject to change without notice.

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