

# Specifications at a Glance\*

## 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"/51 mm per 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"/19.05 mm, 1"/25.4 mm, 1.1875"/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 802.11b/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 to protect the wristbands.

## Z-Band Comfort—Adhesive Closure

Part Number	Size	Color
<b>Adult</b>		
10010951K	1" x 11" (25.4 mm x 279.4 mm)	White, 10010951-1K (Red), 10010951-2K (Blue), 10010951-3K (Green), 10010951-4K (Purple), 10010951-5K (Pink), 10010951-6K (Orange), 10010951-7K (Yellow)
10011952K	0.75" x 11" (19.05 mm x 279.4 mm)	White
10011963K	1.1875" x 11" (30.16 mm x 279.4 mm)	White
<b>Pediatric</b>		
10011954K	1" x 7" (25.4 mm x 177.8 mm)	White
<b>Infant</b>		
10011953K	1" x 6" (25.4 mm x 152.4 mm)	White

## Soft Infant Z-Band Direct

10007746K	1" x 7.6875" (25.4 mm x 195.3 mm)	White
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## Z-Band QuickClip™ Wristbands

<b>Adult</b>		
10007000K	1.1875" x 11" (30.16 mm x 279.4 mm)	Red, Blue, Yellow, Green, Pink, and Purple clips
<b>Infant</b>		
10007003K	1" x 7" (25.4 mm x 177.8 mm)	Red, Blue, Yellow, Green, Pink, and Purple clips



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www.zebra.com

### Corporate Headquarters

+1 800 423 0442

E-mail: inquiry4@zebra.com

### Asia-Pacific Headquarters

+65 6858 0722

E-mail: apacchannelmarketing@zebra.com

### EMEA Headquarters

+44 (0)1628 556000

E-mail: mseurope@zebra.com

### Latin America Headquarters

+1 847 955 2283

E-mail: inquiry4@zebra.com

## Locations

**USA:** California, Georgia, Rhode Island, Texas, Wisconsin **Europe:** France, Germany, Italy, Netherlands, Poland, Spain, Sweden **Asia Pacific:** Australia, China, India, Japan, South Korea **Latin America:** Argentina, Brazil, Florida (USA), Mexico **Africa/Middle East:** Russia, South Africa, United Arab Emirates

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# HC100™ Patient I.D. Solution



## 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.

## All-in-One Wristband Solution

- Remarkably easy to use
- Accommodates Zebra's entire line of Z-Band® wristbands
- Bar codes on Z-Band wristbands remain scannable for longer than the average patient stay
- Small footprint fits well in crowded workstations



# Bar Coded Wristband Printing Made **Easy** and **Cost-Effective**

## 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.

**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.



## Learn More About Zebra's Antimicrobial Wristbands

Download our free white paper, *Laboratory Testing of Zebra's Z-Band Direct Thermal Antimicrobial Wristbands*, by visiting [www.zebra.com/healthcare](http://www.zebra.com/healthcare).



# Patient Safety Starts at the Wrist

Zebra's HC100 Patient I.D. Solution accommodates our entire line of white and color Z-Band wristbands—including soft, flexible Z-Band Comfort with superior resistance to hand sanitizers and 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.

Z-Band wristbands are the only bands on the market to feature our patent-pending antimicrobial coating that protects the wristband.

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).

Zebra's Z-Band wristbands also were tested by an independent MRI testing company and were determined **"MR-Safe" (MR Safe—an item that poses no known hazards in all MRI environments)** according to the terminology specified in the American Society for Testing and Materials (ASTM) International, Designation: F2503-08: Standard Practice for Marking Medical Devices and Other Items for Safety in the Magnetic Resonance Environment. These wristbands do not appear to present an additional hazard or risk to a patient undergoing an MRI procedure.

## 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, MAGNET, MedAssets, and MHA.

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

