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.
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.
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

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*

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 E™ 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)

<table>
<thead>
<tr>
<th>Band</th>
<th>Size</th>
<th>Available Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult</td>
<td>0.75” x 11” (19.05 mm x 279.4 mm)</td>
<td>White</td>
</tr>
<tr>
<td>Adult</td>
<td>1” x 11” (25.4 mm x 279.4 mm)</td>
<td>White, Red, Blue, Yellow, Green, Orange, Pink, Purple</td>
</tr>
<tr>
<td>Adult</td>
<td>1.1875” x 11” (30.16 mm x 279.4 mm)</td>
<td>White</td>
</tr>
<tr>
<td>Pediatric</td>
<td>1” x 7” (25.4 mm x 177.8 mm)</td>
<td>White</td>
</tr>
<tr>
<td>Infant</td>
<td>1” x 6” (25.4 mm x 152.4 mm)</td>
<td>White</td>
</tr>
</tbody>
</table>

Z-Band QuickClip (clip closure)

<table>
<thead>
<tr>
<th>Band</th>
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<th>Available Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult</td>
<td>1.1875” x 11” (30.16 mm x 279.4 mm)</td>
<td>Red, Blue, Yellow, Green, Pink, and Purple clips</td>
</tr>
<tr>
<td>Infant/Pediatric</td>
<td>1” x 7” (25.4 mm x 177.8 mm)</td>
<td>Red, Blue, Yellow, Green, Pink, and Purple clips</td>
</tr>
</tbody>
</table>

For more detailed technical specifications, please visit www.zebra.com

GLOBAL/AMERICAS HEADQUARTERS
Zebra Technologies Corporation
333 Corporate Woods Parkway
Vernon Hills, IL 60061-3109 USA
*1 847 793 2600 or +1 800 423 0442
*1 847 913 8766

EMEA HEADQUARTERS
Zebra Technologies Europe Limited
Zebra House, Unit 14, The Valley Centre
Buckinghamshire HP13 6EQ, UK
*44 (0)1494 472872
*44 (0)1494 768251

ASIA-PACIFIC HEADQUARTERS
Zebra Technologies Asia Pacific, LLC
120 Robinson Road
#06-01 Parakou Building
Singapore 068913
*65 6858 0722
*65 6888 0838

OTHER LOCATIONS
USA: California, Georgia, Rhode Island, Texas, Wisconsin
EUROPE: France, Germany, Italy, Netherlands, Poland, Spain, Sweden, United Kingdom
ASIA-PACIFIC: Australia, China, Japan, Singapore, South Korea
LATIN AMERICA: Florida (USA), Mexico
AFRICA/MIDDLE EAST: India, Russia, South Africa, United Arab Emirates

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