

HC100™ Wristband Printer

Easiest Way to Print Wristbands On-demand



Simple to Use

Zebra's HC100 printer was developed to maximize ease of use. There's minimal training required. Just pop the easy-to-load cartridges containing Zebra's Z-Band® wristbands into the printer—and print individual wristbands.

The HC100 printer detects the wristband size and automatically calibrates its settings for optimal print quality. You get long-lasting wristbands with bar codes and text that remain readable. When the cartridges are empty, just return them for recycling.

Fits Your Environment

With more connectivity options and a small footprint, the HC100 printer works with your network and fits your workspace.

Prints Wristbands for:

- **Patient identification in:**
 - » Hospitals
 - » Outpatient clinics
- **Guest identification at:**
 - » Amusement parks
 - » Water parks
 - » Resorts
 - » Carnivals
 - » Concerts
 - » Sporting events
 - » Zoos

Specifications at a Glance*

Standard Features

- Print method: Direct thermal
- Programming language: ZPL®
- Construction: Dual-wall frame, impact resistant plastic
- Quick & easy wristband cartridge loading
- Instant media calibration—no wasted media
- 32 bit RISC processor
- Zebra E3™ Printhead Energy Control
- 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
- Standard tear-off mode feature
- Dual communications interface: Serial & USB

Printer Specifications

Resolution

300 dpi/12 dots per mm

Memory

8 MB Flash, 16 MB SDRAM

Print Width

3 wristband widths:

- 0.75"/19 mm
- 1"/25 mm
- 1.1875"/30 mm

Maximum Print Length

22"/558 mm

Print Speed

2"/51 mm per second

Media Sensors

Headup, media low and media out sensors

Media Characteristics

Media types

Wristband Cartridges

Operating Characteristics

Environmental

- Operating temperature: 40° F/4.4° C to 104° F/40° C
- Storage temperature: -40° F/-40° C to 140° F/60° C
- Operating humidity: 20%-85% non-condensing
- Storage humidity: 5%-85% non-condensing

Electrical

Universal power supply (PFC Compliant) 100-240VAC, 50-60Hz (70 Watts) External Power Supply

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

Physical Characteristics

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

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex wristband and label designs, purchased separately (option)
- ZebraDesigner—Offers basic features for simple wristband and label design (standard)
- ZebraDesigner for XML—A design tool for designing and distributing wristband templates for later recalling and printing via XML data streams
- ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network (option)
- ZebraNet Utilities v7.0—Provides enhanced printing, conversion, and administration capabilities; message management and more (standard)
- ZebraDesigner Driver—Zebra driver compliant with Windows 95/98/2000/2003/ME/NT/XP, and Windows Vista® (downloadable from www.Zebra.com)
- Zebra Universal Driver—A printer driver compatible with Windows® 98 SE/Windows NT®/2000/XP/2003
- ZBI 2.0™—Powerful programming language that lets printers run standalone applications, connect to peripherals, and much more (option)
- ZBI-Developer™—Programming utility makes it dramatically easier for programmers to create and test complex ZBI 2.0 programs and distribute them to the printer (standard with ZBI 2.0)

Networking Options

- Ethernet—ZebraNet® 10/100 Internal Print Server—Factory-installed only, offered in combination with serial/USB interface
- Wireless 802.11b—ZebraNet Wireless Plus internal print server—Factory-installed only, offered in combination with serial/USB interface. Advanced wireless security—including WPA and WPA2.

Firmware

- ZPL II®—Universal language for Zebra printers. Simplifies wristband and label formatting and enables format compatibility with existing systems that run Zebra printers.

Fonts and Graphics

- 16 resident expandable bitmap fonts
- One resident scalable font

Bar Code Symbolologies

- Bar Code Ratios: 2:1 (non-rotated) and 3:1
- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, EAN-14, UPC-A and UPC-E with EAN 2 or 5 digit extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, and GS1 DataBar (formerly RSS)
- 2-Dimensional: PDF417, MicroPDF417, Code 49, Maxicode, Codablock, Data Matrix, QR code, and Aztec
- Contains UFST® from Monotype Imaging, Inc.

Communication and Interface Capabilities

- RS-232 Serial interface, DB-9
- USB 2.0
- ZebraNet 10/100 Internal Print Server—Factory-only installation
- ZebraNet Internal Wireless Plus Print Server—Wireless 802.11b/g—Factory-only installation

Options and Accessories

- Ethernet—ZebraNet® 10/100 Internal Print Server—Factory-installed only, offered in combination with serial/USB interface
- Wireless 802.11b—ZebraNet Wireless Plus internal print server—Factory-installed only, offered in combination with serial/USB interface. Advanced wireless security—including WPA and WPA2.
- Font Packs—Asian and other international font kits
- Factory-installed 64 MB (58 MB user available) Flash memory option
- ZBI 2.0—Factory- or field-installed

*Specifications subject to change without notice.

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Genuine Zebra™ Wristbands for the HC100 Printer

Healthcare Wristbands

Zebra's Z-Band thermal wristbands allow you to print patient information and bar codes directly on the wristbands; no need for labels and wristband assembly inherent to laser technology.

- Determined MR-Safe by an independent MRI testing company
- Feature a silver antimicrobial coating that protects the wristband
- Scannable up to 14 days, promoting quality patient care and safety
- Quick and easy to print and fasten using an adhesive tab or color clip

Attraction and Amusement Wristbands

Enable cashless point of sale and access management with print-on-demand bar coded wristbands. A Zebra® bar code printer and direct thermal Z-Band Fun or Z-Band Splash wristbands can:

- Reduce ticket fraud; revenue losses associated with theft
- Improve transaction speeds
- Enhance each guest's experience
- Lower total cost of ownership compared to RFID wristbanding



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GSA#: GS-35F-0268N
P1032322 (10/10)