



ZD410-HC Direct Thermal Printer

Healthcare ready ultra-compact 2-inch printer

Hospitals and clinics need to print high-resolution labels for a wide variety of items, from patient records and patient wristbands to medication prescriptions and tiny specimen vials. To improve productivity and ensure accuracy, the closer printing can be done to the point-of-task, the better. But nurses stations, pharmacies and labs are often pressed for space. Now, the ZD410-HC makes it easy to put high resolution printing right where you need it. Designed for healthcare, this printer is ready for the constant disinfecting and offers a healthcare-compliant power supply. Smaller than a loaf of bread, this ultra-compact printer easily fits on the most space constrained desk or shelf — or you can even mount it on the wall. With its optional 300 dpi printing, the tiniest labels are crisp and legible. This super-fast printer is easy to deploy and easy to use. And Zebra OneCare service maximizes the availability and productivity of your ZD410 printers with unmatched from-the-manufacturer support that covers everything — from worn out printheads to normal wear and tear. The ZD410 — the “fits anywhere” printer that delivers high quality label printing, right where you need it.



Ultra compact “fits anywhere” printer

The ZD410 is the smallest printer in its class, fitting easily in the most space-constrained desktop or shelf — you can even mount it on a wall.

Easy to clean and sanitize with a healthcare compliant power supply

Disinfectant-ready plastics and a sealed button interface make the ZD410 easy to clean and disinfect, helping prevent the

spread of germs in hospitals and clinics. And the power supply is IEC 60601-1 compliant for use in healthcare facilities.

Adaptable to meet your current and future needs

The movable media sensor gives you more media options, including media with off-center black marks, die-cut notches or multiple labels across the width.

With virtually every modern connectivity option, the ZD410 fits into your technology environment now and in the future. Choose from USB, auto-sensing serial or 10/100 Ethernet, as well as the very latest wireless options: 802.11ac Wi-Fi and Bluetooth 4.1. And the ZD410 supports concurrent Wi-Fi and Ethernet connectivity.

If you need new communication or media handling options in the future, no problem. Add serial or Ethernet connectivity, plus a peeler and a cutter, right on site — without taking the ZD410 out of service. The result? Maximum functionality and uptime.

Since the ZD410 is designed to be backwards compatible with existing applications, formats and printer

languages, you can easily upgrade from your aging Zebra LP 2824 Plus — just plug in the ZD410 and you're back up and running. The ZD410 supports Zebra ZPL and EPL printer languages and many non-Zebra languages, making it easy to replace competitive printers.

Easy to use and troubleshoot

Five status icons — status, pause, data, supplies and network — provide the information needed to keep the ZD410-HC up, running and available. At glance, users can see if the media needs to be replenished, if the network connection is down and more.

Link-OS for unparalleled ease of management

The ZD410 supports Zebra's Link-OS, a unique software platform that makes it easier than ever to integrate, manage and maintain your printers, from any location. With this innovative highly flexible solution, you can manage one printer, a group of specific printers or all printers anywhere in the world via the cloud. And a quick tap of an NFC-enabled mobile device on the ZD410 provides access to Zebra's extensive knowledge base of information to help quickly resolve everyday printer issues.





ZD410-HC Specifications Chart

STANDARD FEATURES

Direct Thermal print method
IEC 60601-1 compliant power supply and healthcare wipeable plastics
ZPL and EPL programming languages
5 status icon, 3 button user interface
USB 2.0, USB Host
Bluetooth low energy
OpenACCESS™ for easy media loading
Dual-wall frame construction
ENERGY STAR qualified

PHYSICAL CHARACTERISTICS

Dimensions 8.6 in. L x 4.5 in. W x 6.0 in. H
220 mm L x 115 mm W x 151 mm H

Weight 2.2 lbs./1.0 kg

PRINTER SPECIFICATIONS

Resolution 203 dpi/8 dots per mm
Optional 300 dpi/12 dots per mm

Memory 512 MB Flash; 256 MB SDRAM

Maximum Print Width 2.2 in./56 mm for 203 dpi and 300 dpi

Maximum Print Speed 6 in./152 mm per second (203 dpi)
4 in./102 mm per second (300 dpi)

Media Sensors Full width, moveable reflective/black mark sensor; multi-position transmissive/gap sensor

Firmware ZPL II; EPL 2; EPL Line Mode; XML; ZBI

MEDIA CHARACTERISTICS

Maximum Label Length 39.0 in./991 mm

Maximum Label and Media Width 2.36 in./60 mm

Media Roll Size 5.00 in./127 mm outer diameter
Core inner diameter: 0.5 in. (12.7mm) and 1.0 in. (25.4mm) standard, 1.5 in. (38.1), 2.0 in. (50.8mm) and 3.0 in. (76.2mm) using optional adapters

Thickness 0.003 in./0.08 mm - 0.012 in./0.305 mm

Media Types Roll-fed or fan-fold, die cut or continuous direct thermal labels with or without black mark, tag stock, continuous receipt paper, and wristbands

OPERATING CHARACTERISTICS

Operating Temp. 40° to 105° F/4.4° to 41° C

Storage Temp. -40° to 140° F/-40° to 60° C

Operating Humidity 10% to 90% non-condensing

Storage Humidity 5% to 95% non-condensing

Electrical Auto-detectable (PFC Compliant) 90-265VAC, 50-60Hz; ENERGY STAR qualified

OPTIONS AND ACCESSORIES

Media Handling Field installable dispenser – label peel and present with label present sensor; field installable cutter

Communications Field installable RS-232 auto-sensing Serial, DB-9; Ethernet – 10/100 internal; factory installed wireless dual radio: 802.11ac Wi-Fi and Bluetooth 4.1

Keyboard Display Unit ZKDU keyboard display units for stand-alone printing solutions

FONTS/GRAPHICS/SYMBOLOLOGIES

Barcode Ratios 2:1 and 3:1

1D Barcodes Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2-or 5-digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar and Planet Code

2D Barcodes Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, MicroPDF, Aztec

Fonts and Graphics 16 resident expandable ZPL II bitmap fonts
Two resident scalable ZPL fonts
Five resident expandable EPL2 fonts
Native open-type font support
Unicode compliant for multi-language, on demand thermal printing
China units include SimSun simplified Chinese font
64 MB user available non-volatile memory, 8 MB user available SDRAM

PRINTER SUPPLIES

Keep your Zebra printer up and running with genuine Zebra printer supplies, available directly from Zebra.

REGULATORY

- IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Class B, ICES-003, FCC 15.209; 15.247(d), IC RSS 247, EN 300 328, EN 301 893, EN 62311, cTUVus
- CE Marking, VCCI, C-Tick, S-Mark, CCC, CU, BSMI, KCC, SABS, IN-Metro, BIS, NOM

SOFTWARE TOOLS

- **Link-OS: Document Design:** Quickly design a customized print solution using your business data and Zebra's intuitive, plug-and-print design tools.
- **Device Integration:** Zebra offers apps and products designed to help you integrate Zebra devices into your existing systems.
- **Device Management:** Manage your print operations locally and globally with Zebra's suite of device management tools.
- **Developer Tools:** Provides you the tools you need to create your own apps, including documentation, source code, programming languages, templates and more.

RECOMMENDED SERVICES

Zebra OneCare Select

The ZD410-HC is ideal in space-constrained areas for many healthcare applications, including:

- Prescription labels
- Patient record labels
- Lab and specimen labeling
- Patient ID wristbands



Digi-Trax® is the recognized leader in providing ISBT 128 bar code compliance labeling software, hardware and supplies to healthcare. Our HemaTrax® (blood bank) and HemaTrax®-CT (cellular therapy) systems are successfully operating in thousands of facilities worldwide. We develop total solutions, specifically designed for medical products of human origin. Our total solution includes labels, printers, scanners, ribbons, full technical service, support and validation. Rely on Digi-Trax.