

Zebra's Tamper-Resistant Prescription Solution



Meet the Medicaid Tamper-Resistant Prescription Law

Combine Zebra's tamper-resistant prescription paper with the Zebra® locking GX420d™ direct thermal printer—which works seamlessly with your Cerner® healthcare information technology software—for a simple means to comply with the Centers for Medicare & Medicaid Services' (CMS) Tamper-Resistant Prescription Law.

Plus, Improve Patient Safety and Enhance Security

Printing with the GX420d instead of handwriting prescriptions ensures clear legibility for increased fill accuracy. Benefit from added tamper protection through the printer's integrated lock, which secures the paper inside, and the Kensington® lock that enables you to attach the printer to a desk or table.



*Some states have special requirements. See back for details on custom solutions.



Learn more

Learn how Cerner and Zebra—names widely known and trusted in hospitals across the U.S.—can help you meet the Tamper-Resistant Prescription Law. Contact...

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Specifications at a Glance*

Standard Features

- Print method: Direct thermal
- Programming language: EPL and ZPL are standard construction: Dual-wall frame
- Tool-less printhead and platen replacement
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Auto-calibration of media

Printer Specifications

Resolution

203 dpi/8 dots per mm

Memory

Standard: 4 MB Flash, 8 MB SDRAM

Print Width

4.09"/104 mm

Maximum Print Length

39.0"/990 mm

Maximum Print Speed

6"/152 mm per second

Media Sensors

Fixed reflective and transmissive sensors

Media Characteristics

Maximum non-continuous label length

Maximum non-continuous: 39"/991 mm

Maximum label and liner width

0.75"/19 mm to 4.25"/108 mm

Maximum media roll size

5"/127 mm O.D.

Media thickness

0.003"/0.08 mm to 0.0075"/0.19 mm

Media types

Roll-fed or fan-fed, die-cut or continuous direct thermal labels with or without black line, tag stock, continuous receipt paper, wristbands

Operating Characteristics

Environmental

- Operating temperature: 40° F/4.4° C to 105° F/41° C
- Storage temperature: -40° F/-40° C to 140° F/60° C
- Operating humidity: 5% to 95% non-condensing
- Storage humidity: 5% to 95% non-condensing

Electrical

Auto-detectable (PFC Compliant) 100-240VAV, 50-60Hz

Agency Approvals

- Emissions: FCC Part 15, Subpart B, VCCI, C-Tick
- Emissions and Susceptibility: (CE): EN55022 Class-B, EN61000-3-2, EN61000-3-0 and EN55024, CCC
- Safety: CB Scheme IEC IEC 60950:1991 +A1 +A2 +A3 +A3 +A4, TUV NRTL, IRAM NOM, AAMI, CCC

Physical Characteristics

Width: 6.75"/171 mm

Height: 6.0"/152 mm

Depth: 8.25"/210 mm

Weight: 3 lbs/1.4 kg

Zebralink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v7.0
- Zebra Universal Driver
- ZebraDesigner Driver

Networking/Connectivity

- ZebraNet® 10/100 Print Server (optional)
- 802.11b/g wireless
- Bluetooth wireless
- Wireless options include LCD for visual communication

Firmware

- EPL2™
- EPL™ Line Mode (direct thermal only)
- ZPL II®
- Web View
- Alert

Communication and Interface Capabilities

- GX models triple interface standard
- RS-232 serial interface, DB-9
- USB V1.1, bi-directional
- Parallel DB-25 female connector
- ZebraNet 10/100 Print Server (optional)—replaces parallel
- 802.11b/g wireless (optional)—replaces parallel
- Bluetooth wireless (optional)—replaces parallel
- Wireless options include LCD for visual communication
- Dual interface standard RS-232 serial interface, DB-9
- USB V1.1, bi-directional
- ZebraNet 10/100 Print Server (optional)—replaces serial

Fonts/Graphics/Symbologies

Fonts and Character Sets

- 16 resident expandable ZPL II bitmap fonts
- One resident scaleable ZPL font
- Five resident expandable EPL2 fonts
- Native open type font support
- Unicode™ compliant for multi-language, on-demand thermal printing

Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—for boxes and lines

Bar Code Symbologies

- Bar Code Ratios: 2:1 (non-rotated) and 3:1
- Linear Bar Codes: Codabar, Code 11 (ZPL), Code 128, Code 39, Code 93, Code 93, EAN-13, EAN-8, EAN-14 (ZPL), German Post Code (EPL), Industrial 2-of-5 (ZPL), Interleaved 2-of-5, Japanese Postnet (EPL), ISBT-128 (ZPL), Logmars (ZPL), MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5 (ZPL), UCC/EAN-128 (EPL), UPC and EAN 2 or 5 digit extensions (ZPL), UPC-A, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, and GS1 Databar (formerly RSS)
- 2-Dimensional: Codablock (ZPL), Code 49 (ZPL), Data Matrix, MaxiCode, QR Code, PDF417, MicroPDF417, Aztec (For EPL and ZPL except where noted)

Options and Accessories

- Dispenser—label peel and present with label present sensor
- ZebraNet 10/100 Print Server—Internal Ethernet for network communication and printing
- 802.11b/g wireless (optional)
- Bluetooth wireless (optional)
- Wireless options include LCD for visual communication
- Cutter for various media types
- Font Packs—Asian and other international font kits
- KDU Plus™ and KDU™ keyboard display units for stand-alone printing solutions

*NOTE: Cerner Custom CCL script is required. Specifications subject to change without notice.

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