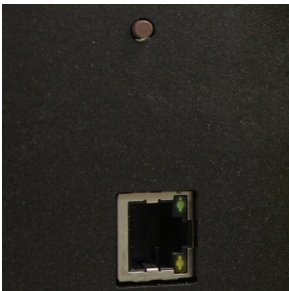




# EZ2050 / EZ2150

Most affordable and powerful  
industrial barcode printers

The EZ2050 series is a perfect solution for industrial label  
printing applications where high performance is important



Ethernet, Serial, USB port  
and Auto Calibration  
button included



Easy to change, low-cost  
printhead assembly



All metal, industrial  
enclosure and print  
mechanism



Free labeling software  
GoLabel for easy printing

Barcodes Made Easy

| Model                          |                              | EZ2050                                                                                                                                                                                                                                                                                                | EZ2150                                  |
|--------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>Print Method</b>            |                              | Thermal Transfer/Direct Thermal                                                                                                                                                                                                                                                                       |                                         |
| <b>Resolution</b>              |                              | 203 dpi (8 dot/mm)                                                                                                                                                                                                                                                                                    | 300 dpi (12 dots/mm)                    |
| <b>Print Speed</b>             |                              | 6 IPS (150 mm/s)                                                                                                                                                                                                                                                                                      | 4 IPS (102 mm/s)                        |
| <b>Print Width</b>             |                              | 4.09" (104 mm)                                                                                                                                                                                                                                                                                        |                                         |
| <b>Print Length</b>            |                              | Min. 0.16" (4 mm)**; Max. 100" (2540 mm)                                                                                                                                                                                                                                                              | Min. 0.16" (4 mm)**; Max. 45" (1143 mm) |
| <b>Processor</b>               |                              | 32 bit RISC CPU                                                                                                                                                                                                                                                                                       |                                         |
| <b>Memory</b>                  | <b>Flash</b>                 | 8 MB Flash (4 MB for user storage)                                                                                                                                                                                                                                                                    |                                         |
|                                | <b>SDRAM</b>                 | 16 MB                                                                                                                                                                                                                                                                                                 |                                         |
| <b>Sensor Type</b>             |                              | Adjustable reflective sensor and transmissive sensor, left aligned                                                                                                                                                                                                                                    |                                         |
| <b>Media</b>                   | <b>Types</b>                 | Continuous form, gap labels, black mark sensing and punched hole; label length set by auto sensing or programming                                                                                                                                                                                     |                                         |
|                                | <b>Width</b>                 | Standard: 1" (25.4 mm) Min.~ 4.64"(118 mm) Max.<br>With Cutter: 4.61" (117mm) Max.<br>With Dispenser/Rewinder: 4.64" (118mm) Max.                                                                                                                                                                     |                                         |
|                                | <b>Thickness</b>             | 0.003" (0.06 mm) Min. - 0.01" (0.25 mm) Max.                                                                                                                                                                                                                                                          |                                         |
|                                | <b>Label Roll Diameter</b>   | Max. 8" (203.2 mm) with 3" (76.2 mm) core / Max. 6" (152.4 mm) with 1.5" (38.1 mm) core                                                                                                                                                                                                               |                                         |
|                                | <b>Core Diameter</b>         | 1.5" (38.1 mm), 3" (76.2 mm)                                                                                                                                                                                                                                                                          |                                         |
| <b>Ribbon</b>                  | <b>Types</b>                 | Wax, wax/resin, resin                                                                                                                                                                                                                                                                                 |                                         |
|                                | <b>Length</b>                | 1471' (450 m)                                                                                                                                                                                                                                                                                         |                                         |
|                                | <b>Width</b>                 | 1.18" Min. - 4.33" (30 mm ~ 110 mm) Max.                                                                                                                                                                                                                                                              |                                         |
|                                | <b>Ribbon Roll Diameter</b>  | 2.99" (76 mm)                                                                                                                                                                                                                                                                                         |                                         |
|                                | <b>Core Diameter</b>         | 1" (25.4 mm)                                                                                                                                                                                                                                                                                          |                                         |
| <b>Printer Language</b>        |                              | EZPL, GEPL, GZPL auto switch                                                                                                                                                                                                                                                                          |                                         |
| <b>Software</b>                | <b>Label Design Software</b> | GoLabel (for EZPL only)                                                                                                                                                                                                                                                                               |                                         |
|                                | <b>Driver</b>                | Windows 2000, XP, Vista, 7 and Windows Server 2003 & 2008                                                                                                                                                                                                                                             |                                         |
|                                | <b>DLL</b>                   | Windows 2000, XP and Vista                                                                                                                                                                                                                                                                            |                                         |
| <b>Resident Fonts</b>          | <b>Bitmap Fonts</b>          | 6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A&B<br>Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable<br>Bitmap fonts 8 times expandable in horizontal and vertical directions                                                                                       |                                         |
|                                | <b>Scalable Fonts</b>        | 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                             |                                         |
|                                | <b>Bitmap Fonts</b>          | 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable                                                                                                                                                                                                                                |                                         |
| <b>Download Fonts</b>          | <b>Asian Fonts</b>           | 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions                                                                                                                                                                                                                |                                         |
|                                | <b>Scalable Fonts</b>        | 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                             |                                         |
| <b>Barcodes</b>                | <b>1-D Bar Codes</b>         | Code 39, Code 93, EAN 8/13 (add on 2&5), UPC A/E (add on 2&5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM and GS1 DataBar |                                         |
|                                | <b>2-D Bar Codes</b>         | PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code                                                                                                                                                                                                                |                                         |
| <b>Code Pages</b>              |                              | Codepage 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 and 737<br>Windows 1250, 1251, 1252, 1253, 1254, 1255 and 1257<br>Unicode(UTF8, UTF16)                                                                                                                                       |                                         |
| <b>Graphics</b>                |                              | Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software                                                                                                                                                                                                 |                                         |
| <b>Interfaces</b>              |                              | Serial port: RS-232 (DB-9)<br>USB 2.0<br>Ethernet 10/100 Mbps                                                                                                                                                                                                                                         |                                         |
| <b>Control Panel</b>           |                              | Three mono-color status-LEDs: Power on, Ribbon out, Media out<br>Control keys: FEED, PAUSE and CANCEL<br>Calibration button                                                                                                                                                                           |                                         |
| <b>Power</b>                   |                              | Auto Switching 100-240VAC, 50-60Hz                                                                                                                                                                                                                                                                    |                                         |
| <b>Real Time Clock</b>         |                              | Standard                                                                                                                                                                                                                                                                                              |                                         |
| <b>Environment</b>             | <b>Operation Temperature</b> | 41°F to 104°F (5°C to 40°C)                                                                                                                                                                                                                                                                           |                                         |
|                                | <b>Storage Temperature</b>   | -4°F to 122°F (-20°C to 50°C)                                                                                                                                                                                                                                                                         |                                         |
| <b>Humidity</b>                | <b>Operation</b>             | 30-85%, non-condensing                                                                                                                                                                                                                                                                                |                                         |
|                                | <b>Storage</b>               | 10-90%, non-condensing                                                                                                                                                                                                                                                                                |                                         |
| <b>Agency Approvals</b>        |                              | CE(EMC), FCC Class A, CB, cUL, CCC                                                                                                                                                                                                                                                                    |                                         |
| <b>Dimension</b>               | <b>Length</b>                | 20.15" (512 mm)                                                                                                                                                                                                                                                                                       |                                         |
|                                | <b>Height</b>                | 11.45" (291 mm)                                                                                                                                                                                                                                                                                       |                                         |
|                                | <b>Width</b>                 | 10.78" (274 mm)                                                                                                                                                                                                                                                                                       |                                         |
| <b>Weight</b>                  |                              | 33 lbs (15 Kg), excluding consumables                                                                                                                                                                                                                                                                 |                                         |
| <b>Options&amp;Accessories</b> |                              | Cutter Module<br>Label Dispenser + Internal Rewinder<br>Parallel Port (IEEE1284)<br>Applicator Interface (1 input, 3 outputs, power 500mA @ 5V, for project base)<br>External label roll holder for 10" (250 mm) O.D. label rolls<br>External label rewinder                                          |                                         |

\* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.

\*\* Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. Godex is pleased to test non-standard materials for minimum print height and maximum print speed capability.