

# G500

The GoDEX G500, with its customer-friendly price and "Twin-Sensor Technology," is ideal for retail and industrial applications. It supports a 300-meter ribbon, optional label stand, and various interfaces including USB 2.0, Serial, Ethernet, and Parallel. The G500's robust design ensures long-term reliability and it features a 203 DPI model.



Print Speed 5IPS  
(127 mm/s)



300 Meter  
Ribbon



Auto Switching 100-  
240VAC, 50-60Hz



USB2.0, Serial +  
Ethernet & Parallel



Efficient Creation  
of Labels



Twin-Sensor  
Technology



Design for Long  
Term Reliability



8MB Flash +  
16MB SDRAM



# G500 Specification

## G500

### Specification

Print Method	Thermal Transfer / Direct Thermal
Resolution	203 dpi (8 dots/mm)
Print Speed	5IPS (127 mm/s)
Print Width	4.25" (108 mm)
Print Length	Min. 0.16" (4 mm)**; Max. 68" (1727 mm)
Processor	32 Bit RISC CPU
Memory	8MB Flash (4MB for user storage) / 16MB SDRAM
Sensor Type	Adjustable reflective sensor. Fixed transmissive sensor, central aligned
Media	Type: Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming Tear: Min. 1" (25.4 mm) – Max. 4.64" (118 mm) Width: Cutter, Max. 4.61" (117 mm), Dispenser / Rewind: Max. 4.64" (118 mm) Thickness: Min. 0.003" (0.076 mm) – Max. 0.01" (0.25 mm), Max. 8" (203.2 mm) with 3" (76.2 mm) core Label Roll Diameter: Max. 6" (152.4 mm) with 1.5" (38.1 mm) core, Max. 5" (127 mm) with 1" (25.4 mm) core Core Diameter: Min. 1" (25.4 mm) – Max. 3" (76.2 mm)
Ribbon	Types: Wax, wax/resin, resin Length: 981' (300 m) Width: 1.18" Min - 4.33" (30 mm - 110 mm) Max Ribbon roll diameter.: 2.67" (68 mm) Core diameter: 1" (25.4 mm)
Printer Language	EZPL, GEPL, GZPL auto switch
Software	Label design software: GoLabel (for EZPL only) Driver: MAC, Linux, Windows 2000, XP, Vista, Windows 7, 8.1 and 10, Windows Server 2003 & 2008 DLL: Win CE, .NET, Windows Mobile, Windows 2000 / XP / VISTA / Windows 7 / Windows 8.1 / Android
Resident Fonts	Bitmap fonts: 6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions TTF fonts: TTF Fonts (Bold / Italic / Underline ). 0°, 90°, 180°, 270° rotatable
Download Fonts	Bitmap fonts: 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Asian fonts: 16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001) 90°, 180°, 270°, rotatable and 8 times expandable in horizontal and vertical directions TTF fonts: TTF Fonts (Bold / Italic / Underline ). 0°, 90°, 180°, 270° rotatable
Barcodes	1-D Bar codes: Code 39, Code 93, EAN-8, EAN-13, EAN 8/13 (with 2 & 5 digits extension), UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extension, Interleaved 2-of-5 (1 2 of 5), Interleaved 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, Postnet, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GSI DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, Standard 2 of 5, Industrial 2 of 5, Logmars, Code 11, ISBT -128, Code 32 2-D Bar codes: PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code, Code 49, Codablock F, TLC 39
Code Pages	CODEPAGE 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737 WINDOWS 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8, UTF16BE, UTF16LE
Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software
Interfaces	USB + Parallel Port USB + Serial Port + Ethernet
Control Panel	Two bi-color status-LEDs: Ready, Status Control key: FEED
Power	Auto Switching 100-240VAC, 50-60Hz

\* Specifications may change without prior notice

## G500 Physical & Environmental

### G500

#### Physical & Environmental

Environment	Operation temperature: 41°F to 104°F (5°C to 40°C) Storage temperature: -4°F to 122°F (-20°C to 50°C)
Humidity	Operation: 30-85%, non-condensing, Storage: 10-90%, non-condensing
Agency Approvals	CE (EMC), FCC Class A, CB, CCC, cUL, KCC, BIS, EAC
Dimensions (L × W × H)	285 mm × 226 mm × 171 mm
Weight	5.51 lbs (2.5 Kg), excluding consumables
Options	Cutter Module Label Dispenser External label roll holder for 10" (250 mm) O.D. label rolls External label rewinder

\* The product pictures and display contents in the above pages are for illustration purpose only. The actual product effects (including but not limited to appearance, color, size) and screen display contents (including but not limited to background UI pictures) might differ.

