



Direct Thermal Printer

Options



Stripper Module



Label Stand



Cutter Module



Ethernet



HD90



ISO 9001:2000 CERTIFIED



HD90 Product Specifications

Model	HD90
Print Method	Direct Thermal
Resolution	203 dpi (8 dots/mm)
Print Speed	6 IPS (150 mm/s)
Print Width	4.25" (108 mm)
Print Length	Min. 0.39" (10 mm); Max. 68" (1727 mm)
Memory	4MB Flash (2MB for user storage) ; 8MB SDRAM
Sensor Type	Adjustable reflective sensor. Fixed transmissive sensor, central aligned.
Media	Types: Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming. Width: 1" (25.4 mm) Min. - 4.64" (118 mm) Max. Thickness: 0.003" (0.06 mm) Min. - 0.01" (0.25 mm) Max. Label roll diameter: Max. 5" (127 mm) Core diameter: 1", 1.5", 3" (25.4 mm, 38.1 mm, 76.2 mm)
Printer Language	EZPL
Software	Label design software: QLabel-IV (for EZPL only) Driver & DLL: Windows 2000, XP and Vista
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 Scalable fonts 90°, 180°, 270° rotatable
Download Fonts	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Asian fonts 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions Scalable fonts 90°, 180°, 270° rotatable
Barcodes	1-D Bar codes: Code 39, Code 93, Code 128 (subset A, B, C), UCC/EAN-128 K-Mart, UCC/EAN-128, UPC A / E (add on 2 & 5), I 2 of 5, I 2 of 5 with Shipping Bearer Bars, EAN 8 / 13 (add on 2 & 5), Codabar, Post NET, EAN 128, DUN 14, HIBC, MSI (1 Mod 10), Random Weight, Telepen, FIM, China Postal Code, RPS 128 and GS1 DataBar 2-D Bar codes: PDF417, Datamatrix code, MaxiCode, QR code and Micro QR code
Code Pages	CODEPAGE 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737 WINDOWS 1250, 1251, 1252, 1253, 1254, 1255 Unicode (UTF8, UTF16)
Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software
Interfaces	Serial port: RS-232 (DB-9) USB port (default on) Parallel port: Centronics 36-pin
Control Panel	Two bi-color status-LEDs: Ready, Status Control key: FEED
Power	Auto Switching 100-240VAC, 50-60Hz
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, cUL
Dimension	Length: 11.2" (285 mm) Height: 6.8" (171 mm) Width: 8.9" (226 mm)
Weight	6 lbs (2.72Kg) ,excluding consumables
Options	Rotary Cutter Label Stripper External label roll holder for 10" (250 mm) OD label rolls External label rewinder CF card adapter with real time clock (max. 1GB CF card) Ethernet 10/100Mbps print server (default off; disable USB when in use) 802.11 b/g wireless print server (Default off; disables USB when in use. Must remove PS2 port and Ethernet card to install)

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Godex
sales@godex.com.tw
+886 2 2225 8580

Godex China
godex@godex.com.cn
+86 21 5665 1313

Godex Europe
info@godex.eu
+49 2193 53396 0

Godex Americas
info@godex.us
+1 888 987 8878