

Industrial Printers

HD830i+

The Best-In-Class Eight Inch Wide Industrial Barcode Printer

Engineered to be Godex's finest barcode printer, the HD830i+ seamlessly combines robustness and flexibility with the aid of its metallic mechanism and condensed footprint. With creativity and innovation in its blood, the HD830i+ not only possesses a ground-breaking adjustable damper (Patent M551599) and linkage dancer-arm mechanism for label type facilitation, but its intuitive 3.2" color touch panel also allows for your connection to be computer free. This sophisticated machine is also designed for predominantly tool-less operation which helps maximize maintenance efficiency.
It will surprise you with its full package of features and possibilities.

Clever Space-Saving Design

Most users' factory workshops have limited space for facilities. In view of this, we designed an eight-inch industrial printer with a small foot print to print wide format labels; helping save a lot of space for users.





Fortified Die-Cast Printing Mechanism

The printing mechanism of The HD830i+ is constructed by an aluminum die-casting process. This feature allows the printer to work with almost every printable media from ordinary to specialty media.

User Friendly Printer Set Up & Maintenance



An adjustable 3.2” color touchscreen LCD control panel allows users to adjust the angle up to 15 degrees for better operating vision. A graphical user interface facilitates intuitive navigation and supports ten languages; which allows people from different countries to operate it easily. The HD830i+ is a precise printer with a user-friendly maintenance design. Consumables such as platen rollers, thermal print heads, and media can all be replaced without any tools.



Convenient Calibration Button

The built-in auto calibration button has been implemented to facilitate user operation. Users can simply press the button to calibrate any kind of label; which makes media loading a lot easier.

Sturdy External Label Stand

With its metallic backbone, this external label stand can hold media up to 10" in outer diameter, and provides maximum media utility to cover comprehensive needs from one industry to another.



Wireless Connectivity

The HD830i+ state of the art connection module (Optional) supports WIFI / Bluetooth data transmission, and optimizes operational efficiency and accuracy.

Large Memory Size

Empowered by 256MB SDRAM / 256 MB Flash memory; 5 TTF Fonts including Korean, Japanese, Simplified Chinese, Traditional Chinese, and Western languages are now resident to facilitate global businesses.

Remote Management & Operation Visibility

Integrating the HD830i+ with GoLabel II software will develop versatility on label printing operations, and also deliver a remarkable printing experience to users.
GoUtility can help users monitor Godex’s printer status and deploy data to multiple printers through a concise user interface at the same time.

Specification

2024/8/08

Model		
		HD830i+
Print Method		Thermal Transfer / Direct Thermal
Resolution		300 dpi (12 dot/mm)
Print Speed		Up to 5 ips (127 mm/s)
Print Width		8.64" (219.5 mm)
Print Length		Min. 1" (25.4 mm)** ; Max. 50.09"(1500 mm)
Processor		32 Bit RISC CPU
Memory	**Flash**	256 MB(Free for user storage 162 MB)
	SDRAM	256 MB
Sensor Type		Adjustable reflective sensor and transmissive sensor, central aligned
Media	**Type**	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
	Width	Tear : Min. 4" (102 mm) – Max. 10" (254 mm) Cutter : Max. 9.05" (230 mm)
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)
	Label roll diameter	Max. 10" (254 mm)
	Core diameter	Min. 1.5 " (25.4 mm) – Max. 3" (76.2 mm)
Ribbon	**Types**	Wax, wax/resin, resin
	Length	Max. 981' (300 m)
	Width	Min. 1.18" (30 mm) – Max. 8.66" (220 mm)
	Ribbon roll diameter	2.67" (68 mm)
	Core diameter	1" (25.4 mm)
Printer Language		EZPL, GEPL, GZPL, GDPL auto switch
Software	**Label design tool**	GoLabel II (for EZPL only) (Windows)
	Management tools	GoTools (Windows / Android / iOS) GoUtility (Windows)
	APP	GoAPP (Android / iOS)
Driver		Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux
SDK		Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS
Resident Fonts	**Bitmap fonts**	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages

Download Fonts	**Bitmap fonts**	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable
	Asian fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese(S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions
	TTF fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable
Barcodes	**1-D Bar codes**	China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode
	2-D Bar codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417
Code Pages		Codepage 437, 737,850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 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 2.0 (Type B) • Serial Port (RS232) • Ethernet 10/100 Mbps • USB Host (Type A)
Real Time Clock		Standard
Control Panel		• Backlight 3.2" touch screen LCD • 1 Power on/off button with green colour LED backlight • 1 Control key: FEED/PAUSE/CANCEL with dual colour LED backlight: Ready(Green); Error(Red) • 1 Calibration button at rear panel
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 140°F (-20°C to 60°C)
Humidity	**Operation**	20-85%, non-condensing.
	Storage	10-90%, non-condensing.
Agency Approvals		CE (EMC)、FCC Class B、CB、cULus、ICES-003、UKCA、BSMI***
Dimension	**Length**	221 mm (8.7")
	Width	431 mm (17")
	Height	224 mm (8.8")
Weight		11.7 Kg (25.81lbs), excluding consumables
Options		Cutter module (Dealer Install) Parallel port adaptor module (Centronic female 36-pin)(Dealer Install) WiFi (IEEE 802.11 b/g/n) and BT (BLE 5.0) combo module (Dealer Install) Sheet paper module (Factory Install)

* 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.

*** The safety certification marks may be different depending on sales regions.

Applications

Applications for Labels & Barcodes

The HD830i+ series is extremely versatile & can be used for most applications.



Logistics

shipping labels, package tracing, package labels, package receipts, etc.



Warehouse

shelf labels, product labels, stocking management, exterior/ pallet labeling, etc.



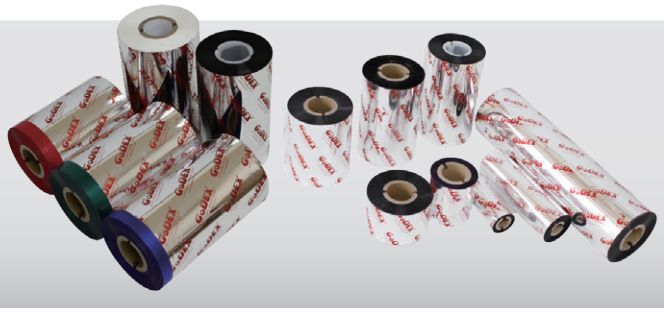
Manufacturing

product labels, manufacturing labels, exterior/pallet labels, trade, stocking and document management, etc.

GoDEX RIBBONS

Godex offers premium thermal transfer ribbons that will fit most of your printing applications.

- Wax
- Wax/ Resin
- Resin
- Near Edge



GoDEX SOFTWARE



GoLabel II is based on a WYSIWYG (what you see is what you get) user interface, making everything so easy for users to create and print barcode labels.
GoLabel II is the first-choice in label design software, and all you need to start creating your own labels today!



Forget about installing complicated software, GoTools will show you the easiest way.

Go Utility

GoUtility can help users monitor Godex's printer status and deploy data to multiple printers through a concise user interface at the same time.

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