



8" Industrial Barcode Printer

HD820i / HD830i

The best-in-class eight inch wide industrial barcode printer. Perfect for wide format labels.

GoDEX's HD830i is an eight-inch barcode printer designed for applications that require large and durable labels. The HD830i is a rugged printer of exquisite design which includes significant characteristics of high performance electronics, reliable mechanism, user -friendliness and easy maintenance design.



External Label Stand :10" Max.
(Standard Package included)

- 3.2" color touchscreen facilitates intuitive navigation. Adjustable to 15°.
- Dual-Colored status LEDs and calibration button for simplicity.
- Robust metal casing and solid print mechanism to take on heavy duty jobs
- Outstanding breadth: max label width 10"/ Max print width 8.57".
- Optional wireless connectivity: Bluetooth or Wi-Fi module
- Top cover designed for ease of motion: heightened safety and comfort.
- A sturdy external label stand for up to 10" roll diameters included.
- Adjustable media detectors: including reflective and see-through sensors
- Advanced adaptive dampening technology : to optimize print quality
- Internal Media Pressure plate is designed to stabilize the label printing process

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HD820i / HD830i Specifications

Model Name		HD820i	HD830i
Print Method		Thermal Transfer / Direct Thermal	
Resolution		203 dpi (8 dot/mm)	300 dpi (12 dot/mm)
Print Speed		6 ips (152mm/s)	4 ips (102 mm/s)
Print Width		8.5" (216mm)	8.64" (219.5mm)
Print Length		Min. 1" (25.4 mm)** ; Max . 86.6" (2,200 mm)	Min. 1" (25.4 mm)** ; Max . 40" (1,016 mm)
Processor		32-bit RISC CPU	
Memory	Flash	128 MB Flash (60 MB for user storage)	
	SDRAM	32 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" (108 mm) – Max. 10" (255 mm)	
	Thickness	Cutter : Max. 9.05" (230 mm)	
	Label roll diameter	Min. 0.002" (0.05 mm) – Max. 0.01" (0.25 mm)	
	Core diameter	External Label stand : 10" Max. (Standard Accessories included)	
Ribbon	Types	Min. 1.5" (38.1 mm)-Max. 3" (76.2 mm)	
	Length	Wax, wax/resin, resin	
	Width	Max.981' (300 m)	
	Ribbon roll diameter	Min. 4.3" (110 mm) – Max. 8.66" (220 mm)	
	Core diameter	2.67" (68 mm) Max.	
Printer Language		1" (25.4 mm)	
Software	Label design software	EZPL, GEPL, GZPL, GDPL auto switch	
	Driver	GoLabel (for EZPL only)	
	SDK	Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, MAC, Linux Win CE, .NET, Windows Vista, Windows 7, Windows 8 & 8.1, Windows 10, Android, Mac, iOS	
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B	
	TTF Fonts	Bitmap fonts 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable	
	Bitmap Fonts	Bitmap fonts 8 times expandable in horizontal and vertical directions	
Download Fonts	Asian Fonts	TTF Fonts (Bold / Italic / Underline). 0°,90°, 180°, 270° rotatable	
	TTF 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)	
Barcodes	1-D Bar Codes	0°,90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
	2-D Bar Codes	TTF Fonts (Bold / Italic / Underline). 0°,90°, 180°, 270° rotatable	
Code Pages		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 and Random Weight	
Graphics		Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite	
Interfaces		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	
Control Panel		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
RTC		• USB 2.0 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • USB Host (A-Type)	
Power		• Backlight 3.2" touch screen LCD • 1 Power on/standby button with dual colour LED backlight • 1 FEED / PAUSE / CANCEL button with dual colour LED : Ready (Green); Error (Red) • 1 Calibration button at rear panel	
Environment		Standard	
Humidity	Operation temperature	Auto Switching 100-240V AC, 50-60Hz	
	Storage temperature	41°F to 104°F (5°C to 40°C)	
Agency Approvals	Operation	-4°F to 140°F (-20°C to 60°C)	
	Storage	20-85%, non-condensing	
Dimension	Length	10-90%, non-condensing	
	Height	221 mm	
	Width	224 mm	
	Weight	431 mm	
Options		11.7 Kg, excluding consumables	
Options		Cutter (Dealer Install)	
Options		Parallel port adaptor module (Centronic female 36-pin)(Dealer Install)	
Options		Bluetooth (Dealer Installer)	
Options		Wireless LAN (IEEE 802.11 b/g/n) (Dealer Install)	
Options		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.