



Industrial Barcode Printer

# HD830i series



## Brand new multifunctional model

After years of innovation, **HD830i** is the newest and the most versatile industrial printer that has ever published by GoDEX. Its wide range of printability has brought tremendous flexibility into field application. Retail, manufacture, warehouse, logistics, government and office applications are all recommended solutions for **HD830i**.



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



- Duo-Colored signal light with calibration button and intuitive touchscreen
- Capable of high-speed printing with heavy duty along with 5IPS print speed
- Optional Wifi connectivity. Extra memory for multiple applications ( 32 MB SDRAM, 128 MB Flash )

**GoDEX**

# HD830i Print Engine Specifications

| Model Name       |                       | HD830i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print Method     |                       | Thermal Transfer / Direct Thermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Resolution       |                       | 300 dpi (12 dot/mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Print Speed      |                       | 4 ips (102 mm/s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Print Width      |                       | 8.64" (219.5mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Print Length     |                       | 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. 8.5" (215.9 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                  | Label roll diameter   | Min. 0.002" (0.06 mm) – Max. 0.01" (0.25 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ribbon           | Core diameter         | External Label stand : 10" Max. (Standard Package included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                  | Types                 | Min. 1" (25.4 mm)-Max. 3" (76.2 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                  | Length                | Wax, wax/resin, resin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                  | Width                 | Max.981' (300 m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Printer Language | Ribbon roll diameter  | Min. 4.3" (110 mm) – Max. 8.66" (220 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                  | Core diameter         | 2.67" (68 mm) Max.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                  |                       | 1" (25.4 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                  |                       | EZPL, GEPL, GZPL auto switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Software         | Label design software | GoLabel (for EZPL only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                  | Driver                | Windows 2000, XP, Vista, Windows 7, 8.1 and 10 , Windows Server 2003 & 2008 、MAC 、 Linux                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                  | DLL                   | Win CE, .NET, Andriod, Windows Mobile, Windows 2000 / XP / VISTA / Windows 7 / Windows 8.1/Windows 10                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Resident Fonts   | Bitmap Fonts          | 6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A & B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                  | TTF Fonts             | Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Download Fonts   | Bitmap Fonts          | Bitmap fonts 8 times expandable in horizontal and vertical directions                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                  | Asian Fonts           | TTF Fonts (Bold / Italic / Underline ). 0°,90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                  |                       | 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  | TTF Fonts             | 16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Barcodes         | 1-D Bar Codes         | 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, EAN 8/13 (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, Random Weight, Standard 2 of 5, Telepen, UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extension, UCC 128, UCC/EAN-128 K-Mart |
| Graphics         |                       | Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Interfaces       |                       | Codepage 437, 737,850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Control Panel    |                       | Unicode UTF8 、 UTF16BE 、 UTF16LE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RTC              |                       | Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power            |                       | <ul style="list-style-type: none"> <li>• USB 2.0 (B-Type)</li> <li>• Serial port: RS-232 (DB-9)</li> <li>• IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45)</li> <li>• USB Host (A-Type)</li> <li>• Backlight 3.2" touch screen LCD</li> <li>• 1 Power on/standby button with dual colour LED backlight</li> <li>• 1 FEED / PAUSE / CANCEL button with dual colour LED : Ready (Green); Error (Red)</li> <li>• 1 Calibration button at rear panel</li> </ul>                                                                                    |
| Environment      |                       | Auto Switching 100-240V AC, 50-60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Humidity         | Operation temperature | 41°F to 104°F (5°C to 40°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                  | Storage temperature   | -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Agency Approvals | Operation             | 20-85%, non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  | Storage               | 10-90%, non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimension        |                       | CE (EMC) 、 FCC Class B 、 CB 、 UL 、 cUL 、 CCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Options          | Length                | 221 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  | Height                | 224 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  | Width                 | 431 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  | Weight                | 11.7 Kg, excluding consumables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                  |                       | Cutter (Dealer Install)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                  |                       | Parallel port adaptor module (Centronic female 36-pin)(Dealer Install)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                  |                       | Bluetooth (Dealer Installer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                  |                       | Wireless LAN (IEEE 802.11 b/g/n) (Dealer 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.



# Applications

## Applications for Labels & Barcodes

**HD830i** as versatile as for most applications.



### Logistics

logistic label, package tracing, package label, package receipt and etc.

### Warehouse

shelf label, product label, stocking management, exterior/pallet label and etc.

### Retail

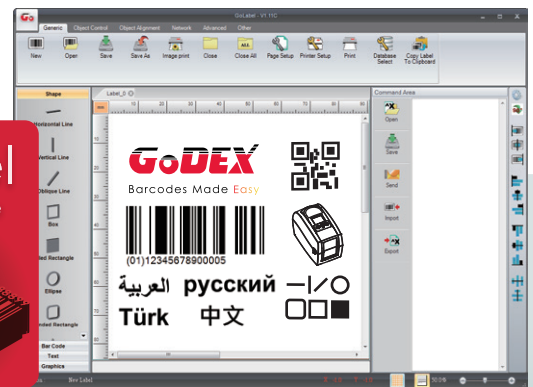
product label, manufacturing label, exterior/pallet label, trade history, stocking and document management, and etc.

## GoDEX LABEL DESIGN SOFTWARE

GoLabel Software / User  
Friendly

GoLabel is based on a WYSIWYG (what you see is what you get) user interface, makes everything so easy for you to create and print barcode labels. GoLabel is the first-choice label design software that you can't miss it!

Go visit [www.godexintl.com](http://www.godexintl.com) and download GoLabel to experience it!



## GoDEX RIBBONS

High quality GoDEX thermal  
transfer ribbons.

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

- Wax
- Wax/ Resin
- Resin
- Near Edge

