8" Industrial Barcode Printer

FALCON

Print Method	Direct/Thermal Transfer
Print Resolution	300 dpi
Print Width	8.64" (219.5 mm)
Media Width	up to 10"
Media Thickness	23 mil
Print Speed (max)	4 inches per second

KEY BENEFITS

- 300 DPI
- Ethernet, USB, serial, and parallel ports standard
- 4 inches per second
- 8" print head
- 8.64" media width and 13mil media thickness
- Over 11,800 inches of print per ribbon

DIMENSIONS
431mm (W) x 224mm (H) x 221mm (D)
17" (W) x 8.8" (H) x 8.6" (D)

WEIGHT
26 lbs

SHIPPING WEIGHT
42 lbs

COMPATIBLE SOFTWARE
GoLabel, Taggit Pro, Bartender Pro

STL Specialty Tag & Label, Inc.
IDENTIFICATION SOLUTIONS FOR HORTICULTURE
Flowery Branch, GA
(800) 475-2040

www.SpecialtyTag.com

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 SDRAM	128 MB Flash (60 MB for user storage) 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) Cutter : Max. 9.05" (230 mm)	
	Thickness	Min. 0.002" (0.05 mm) – Max. 0.01" (0.25 mm)	
	Label roll diameter	External Label stand : 10" Max. (Standard Accessories included)	
	Core diameter	Min. 1.5 " (38.1 mm)-Max. 3" (76.2 mm)	
Ribbon	Types	Wax, wax/resin, resin	
	Length	Max.981' (300 m)	
	Width	Min. 4.3" (110 mm) – Max. 8.66" (220 mm)	
	Ribbon roll diameter	2.67" (68 mm) Max.	
	Core diameter	1" (25.4 mm)	
Printer Language		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 & 2010、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 Bitmap fonts 0°, 90°, 180°, 270° rotatable, single characters 0°, 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	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	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, 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- o-f 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	
	2-D Bar Codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39	
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 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • USB Host (A-Type)	
Control Panel		• 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	
RTC		Standard	
Power		Auto Switching 100-240V AC, 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、UL、cUL、CCC	
Dimension	Length	221 mm	
	Height	224 mm	
	Width	431 mm	
	Weight	11.7 Kg, excluding consumables	
Options		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) 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.

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