

## DL-820 Thermal Label Printer



### Highlights at a glance:

- High Speed Printing
- Easy Paper Loading
- USB and Ethernet Interfaces as standard
- Serial, Parallel, & Wireless LAN interface as options

Tally Dascom's DL-820 is a thermal label printer which offers compatibility with major brands.

The user friendly design of the printer allows ribbon length up to 360 meters (980 feet) and roll paper core diameter up to 203m (8 inch), which provides for fewer operator interventions.

In addition to wired and wireless interfaces, the DL-820 also can be configured with a variety of optional accessories, making it appropriate for use in many industries, including logistics, hospitality, food service and

The DL-820 is designed with a unique paper tearing blade providing for a tear off in either direction, Up or Down, which ever preferred by the operator.

The DL-820 also provides an adjustable black mark detection sensor, that can adapt to the various black mark using media available.

### Available Connectivity Configurations:

- USB - Standard on all units
- Ethernet - Standard on all units
- Parallel available
- Ethernet Available
- Wireless LAN available
- Bluetooth available
- Peeler and Cutter available

SERIAL MATRIX  
PRINTERS

MOBILE  
PRINTERS

FLATBED  
PRINTERS

THERMAL  
PRINTERS





CONNECTIVITY

CONSUMABLES

SERVICE

## DL-820

<b>Print Parameter</b>	<b>Print method</b>	Direct thermal/thermal transfer printing
	<b>Print width</b>	108 mm (4.25 in)
	<b>Print speed</b>	203 mm/sec (8 ips)
	<b>Print head</b>	Dot pitch: 0.125 mm (.005 in)
	<b>Resolution</b>	203 x 203 dpi
	<b>Alphanumeric</b>	Resident single byte (ZPL): Font A - Font V
	<b>User Defined</b>	User defined fonts can be downloaded into Flash, SDRAM
	<b>Code pages</b>	PC437, PC850, PC851, PC852, PC855, PC857, PC860, PC861, PC862, PC863, PC865, PC866, PC720, PC869, PC737, Windows Code Pages, 1250, 1251, 1253, 1254, 1255, 1256
	<b>Scaleable/Rotation</b>	Zoom-in 1-8 times in vertical or horizontal, rotate by 0°, 90°, 180°, 270°
	<b>Graphics</b>	Graphics (monochrome PCX, BMP), can be downloaded into FLASH, SDRAM
<b>Barcodes</b>	<b>1D</b>	Code 11, Interleaved 2 of 5, Code 39, Code 49, Plant Code, EAN-8, EAN-13, UPC-E, UPC-A, Code 93, Code 128, Industrial 2 of 5, Standard 2 of 5, Codabar, MSI, Plessey
	<b>2D</b>	PDF417, Maxicode, QR Code, Data Matrix, Aztec, Codablock
<b>Ribbon</b>	<b>ID</b>	Φ25 mm (1.0")
	<b>OD</b>	Φ70 mm (2.76")
	<b>Length</b>	360 m (394 yards)
	<b>Width</b>	25.4~114 mm (1 - 4.49 in)
<b>Media Handling</b>	<b>Media Spec</b>	Thickness - 0.06~ 0.25 mm (0.002 - 0.01 in)
		Width - 19.6 mm~ 120 mm (0.77 - 4.72")
		Length - 8.9~400 mm (0.35 - 15.75 in)
		Max OD - 203 mm (8 in)
		ID - 25.4~76.2 mm (1 - 3 in)
<b>Control Panel</b>	<b>Media Cut</b>	Tear bar, auto cutter, peeler
	<b>Media Type</b>	Fold or Roll Thermal paper, media, black mark paper
	<b>Key</b>	Four key: Feed, Return, Pause and Cancel
	<b>LED Indicator</b>	One LED, Power
<b>Detect Function</b>	<b>Standard sensors</b>	Black mark sensor, Media sensor, Ribbon sensor, Machinery sensor
	<b>Optional kit sensor</b>	Label Peel-Off sensor
<b>Emulation</b>	<b>Zebra, Eltron and TSC</b>	ZPL II, EPL, TSC
<b>Power Supply</b>	<b>Input</b>	External Power Adapter AC 100-240v 50/60Hz
	<b>Output</b>	24 VDC, 2A
<b>Memory</b>	<b>SD Ram</b>	8 MB
	<b>Flash</b>	8 MB
<b>Interface</b>	<b>Standard</b>	USB (2.0 Full Speed) & Ethernet (10/100 Mbit)
	<b>Optional</b>	Serial RS232, DB9
		Parallel Centronics (IEEE1284)
		WiFi (802.11B/G/N)
		Bluetooth SPP
<b>Software</b>	Driver (Windows 32bit/64bit, Linux, DASCOM Configuration Tool)	
<b>Physical Spec.</b>	<b>Dimensions</b>	230(W) x 290(D) x 176(H)mm, (9.1 x 11.4 x 6.9 inches)
	<b>Color</b>	Black
	<b>Weight</b>	Approx 3kg (6.6 lbs)
	<b>Operating condition</b>	5-40°C/20-95%RH (non-condensing) (41-140°F)
	<b>Storage condition</b>	-20-60°C/ =<95% RH (non-condensing) (-4 - 140°F)
<b>Safety Regulation</b>	<b>Safety</b>	IEC 60950
	<b>EMC</b>	Class B
<b>Optional Kit</b>	<b>Certificate</b>	CCC, CE, FCC, UL, Energy Star
	<b>Auto-Cutter, Peeler</b>	Auto-Cutter, Peeler
<b>Limited Warranty</b>	<b>Printhead</b>	One year or 30KM (33KYards) Printing, whichever occurs first
	<b>Printer</b>	One year return to depot

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