# DL-820 Thermal Label Printer



**Tally DASCOM**

SERIAL MATRIX PRINTERS

MOBILE PRINTERS

FLATBED PRINTERS

THERMAL PRINTERS

CONNECTIVITY

CONSUMABLES

SERVICE

**Highlights at a glance:**

* High Speed Printing
* Easy Paper Loading
* USB and Ethernet Interfaces as standard
* Serial and Parallel Optional Interfaces
* Affordably-priced
* Popular market emulations built-in
* Directional paper tear blade

If you want feature-rich, high-speed thermal label printing at an affordable price, then look no further than the DL-820 from DASCOM.

Built with a user-friendly design for easy paper loading, the DL-820 offers the most popular market emulations, gives users a choice of interface options, and has the capacity to hold a ribbon roll length up to 980 feet (360 meters). You'll also enjoy less user-intervention time since the roll paper core will accommodate a diameter up to 8 inches (203 mm).

The flexible DL-820 can be configured with a variety of optional accessories making it appropriate for use in many industries including logistics, hospitality, and food service among others.

The DL-820 is also designed with a unique paper tear blade that allows directional tear in either direction or even up or down, depending on user preference.

The DL-820 also provides an adjustable black mark detection sensor so it works well and can adapt to available black mark media.

Sturdy, but ergonomically-designed, the DL-820 gives users a tough and rugged printer that will fit well and attractively in demanding environments.

**Available Connectivity:**
*USB - Standard on all units
*Ethernet - Standard on all units
*Parallel - Optional
*Serial - Optional

# DL-820

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

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