

## **DL-820 Thermal Label Printer**





## 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.

- \*USB Standard on all units
- \*Ethernet Standard on all units
- \*Parallel Optional
- \*Serial Optional



## DL-820

Print width		Print method	Direct thermal/thermal transfer printing
Print speed			
Print Parameter   Print head   Resolution   Alphanumeric			
Print Parameter			
Print Parameter   Alphanumeric   User Defined   Code pages   Code pa			
User Defined   Code pages   PC33 PC85 PC85 PC85 PC85 PC86 PC86 PC86 PC86 PC86 PC86 PC86 PC86	Print Parameter		
Code pages   PC437, PC850, PC851, PC852, PC855, PC857, PC860, PC861, PC868, PC720, PC869, PC737, Mindrows Code Pages, 1250, 1251, 1253, 1264, 1265, 1266		•	
PC720, PC889, PC737, Windows Code Pages, 1260, 1261, 1263, 1264, 1265, 1266   Scaleable/Rotation   Code   11, 18 times in vertical to Principal and to Princi			
Scaleable Rotation		Code pages	
1D		Scaleable/Rotation	
Code 128, Industrial 2 of 5, Standard 2 of 5, Codabar, MSI, Plessey	Graphics		
Ribbon	Barcodes		Code 128, Industrial 2 of 5, Standard 2 of 5, Codabar, MSI. Plessey
Ribbon			PDF417, Maxicode, QR Code, Data Matrix, Aztec, Codablock
Length   350 m (394 yards)   254-114 mm (1 - 4.49 in)		ID	
Length   360 m (394 yards)	Ribbon	OD	Φ70 mm (2.76")
Media Spec	Middon	Length	360 m (394 yards)
Media Spec		Width	25.4~114 mm (1 - 4.49 in)
Media Handling         Media Spec         Width - 19.6 mm - 120 mm (6.77 - 4.72")           Length - 8.9 - 400 mm (0.35 - 15.75 in)         Length - 8.9 - 400 mm (0.35 - 15.75 in)           Media Cut Media Type         Tear bar auto cutter, peeler           Media Type         Fold or Roll Thermal paper, media, black mark paper           Control Panel         Key         Four key; Feed, Return, Pause and Cancel           Cortrol Panel         Cortrol Panel         Cortrol Panel           LED Indicator         Cone LED, Power           Control Panel         Cortrol Panel         Standard sensors           Disack mark sensor, Media sensor, Ribbon sensor, Machinery sensor         Disack mark sensor, Media sensor, Ribbon sensor, Machinery sensor           Emulation         Zebra, Eltron and TSC         ZPL II, EPL, TSC           Input         External Power Adapter           AC 100-240v 50/60Hz         Output         24 VDC, 2A           Memory         SD Ram         8 MB           Flash         8 MB         Flash           Standard         USB (2.0 Full Speed) & Ethernet (10/100 Mbit)           Serial RS232, DB9)         Parallel Centronics (IEEE1284)           WiFi (802.11B/GN)         Parallel Centronics (IEEE1284)           WiFi (802.11B/GN)         Electrificate           Software         D			· · · · · · · · · · · · · · · · · · ·
Media Handling         Media Spec         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)           Media Cut Media Type         Fold or Roll Thermal paper, media, black mark paper           Control Panel         Key Four key: Feed, Return, Pause and Cancel           LED Indicator Control Panel         Control Panel         Control Panel           Black mark sensor, Media sensor, Ribbon sensor, Machinery sensor         Black mark sensor, Media sensor, Ribbon sensor, Machinery sensor           Emulation         Zebra, Eltron and TSC         ZPL II, EPL, TSC           Power Supply         Input         External Power Adapter AC 100-240v 50/60Hz           AC 100-240v 50/60Hz         AC 100-240v 50/60Hz           Memory         SD Ram Flash         8 MB           Flash         8 MB           Standard         USB (2.0 Full Speed) & Ethernet (10/100 Mbit)           Serial RS232, DB9)         Parallel Centronics (IEEE1284)           Interface         Optional         Parallel Centronics (IEEE1284)           Wiff (802.1 HIS/G/N)         Bluetooth SPP           Software         Dimensions         230(W) x 290(D) x 176(H)mm, (9.1 x 11.4 x 6.9 inches)           Black         Approx 3kg (6.6 lbs)         Approx 3kg (6.6 lbs)           Operating condition         540°C/20-95%RH (non-condensing) (41-140°F)			Width - 19.6 mm~ 120 mm (0.77 - 4.72")
Media Handling		Media Spec	
D - 25.4-76.2 mm (1 - 3 in)	Media Handling		,
Media Cut   Media Type	•		
Media Type			
Control Panel         Key LED Indicator Control Panel         Four key: Feed, Return, Pause and Cancel           Detect Function         Standard sensors Optional kit sensor         Black mark sensor, Media sensor, Ribbon sensor, Machinery sensor           Emulation         Zebra, Eltron and TSC         ZPL II, EPL, TSC           Power Supply         Input         External Power Adapter AC 100-240v 50/60Hz           Memory         SD Ram Flash         8 MB Standard           Standard         USB (2.0 Full Speed) & Ethernet (10/100 Mbit) Serial RS232, DB9)           Interface         Optional         Parallel Centronics (IEEE1284) WiFi (802.11B/G/N Bluetooth SPP           Software         Driver (Windows 32bit/64bit, Linux, DASCOM Configuration Tool           Physical Spec.         Weight Approx 3kg (6.6 lbs)           Veight Operating condition Storage condition Storage condition Storage condition Storage condition Storage condition Safety         Approx 3kg (6.6 lbs) -40°C/20-95% RH (non-condensing) (41-140°F) -2-06°C/-2-95% RH (non-condensing) (4-140°F)           Safety Regulation         EMC Cartificate         Class B CCC. CE. FCC. UL. Energy Star           Limited Warranty         Printhead         One year or 30KM (33K Yards) Printing, whichever occurs first			
LED Indicator		Media Type	
Control Panel   CD	Control Panel	Key	
Detect Function	Control i aliei		Öne LED, Power
Detect Function   Optional kit sensor   Label Peel-Off sensor			
Emulation   Zebra, Eltron and TSC   ZPL   , EPL, TSC	Detect Function		
Power Supply		<u> </u>	
Name	<b>Emulation</b>	Zebra, Eltron and TSC	ZPL II, EPL, TSC
Number   SD Ram   S MB   Standard   USB (2.0 Full Speed) & Ethernet (10/100 Mbit)	Dower Supply	Input	External Power Adapter
SD Ram   8 MB   8 MB   Standard   USB (2.0 Full Speed) & Ethernet (10/100 Mbit)	rower Supply		AC 100-240v 50/60Hz
Flash   Standard   USB (2.0 Full Speed) & Ethernet (10/100 Mbit)		Output	24 VDC, 2A
Standard	Memory	SD Ram	8 MB
Serial RS232, DB9		Flash	8 MB
Interface         Optional         Parallel Centronics (IEEE1284) WiFi (802.11B/G/N Bluetooth SPP)           Software         Driver (Windows 32bit/64bit, Linux, DASCOM Configuration Tool)           Physical Spec.         Dimensions Color Black         230(W) x 290(D) x 176(H)mm, (9.1 x 11.4 x 6.9 inches)           Physical Spec.         Weight Approx 3kg (6.6 lbs)         Approx 3kg (6.6 lbs)           Operating condition Storage condition Storage condition Storage condition Safety         5-40°C/20-95%RH (non-condensing) (41-140°F)           Safety Regulation Safety         IEC 60950           Safety Regulation Condition Safety         Condition Condensing (41-140°F)           Certificate         CCC. CE. FCC. UL. Energy Star           Limited Warranty         Printhead         One year or 30KM (33K Yards) Printing, whichever occurs first		Standard	USB (2.0 Full Speed) & Ethernet (10/100 Mbit)
WiFi (802.11B/G/N   Bluetooth SPP			Serial RS232, DB9)
WiFi (802.11B/G/N   Bluetooth SPP	Interface	Optional	Parallel Centronics (IEEE1284)
Software         Driver (Windows 32bit/64bit, Linux, DASCOM Configuration Tool           Dimensions         230(W) x 290(D) x 176(H)mm, (9.1 x 11.4 x 6.9 inches)           Physical Spec.         Weight Operating condition Storage condition         Approx 3kg (6.6 lbs)           Storage condition Safety         5-40°C/20-95%RH (non-condensing) (41-140°F)           Safety Regulation Safety         IEC 60950           Safety Regulation Certificate         EMC Class B CCC. CE. FCC. UL. Energy Star           Limited Warranty         Printhead         One year or 30KM (33K Yards) Printing, whichever occurs first			WiFi (802.11B/G/N
Dimensions   230(W) x 290(D) x 176(H)mm, (9.1 x 11.4 x 6.9 inches)			Bluetooth SPP
Color   Black   Approx 3kg (6.6 lbs)   Approx 3kg (6.6 lbs)	Software		Driver (Windows 32bit/64bit, Linux, DASCOM Configuration Tool
Physical Spec.         Weight Operating condition Storage condition Safety         Approx 3kg (6.6 lbs) 5-40°C/20-95%RH (non-condensing) (41-140°F) -20-60°C/ =<95% RH (non-condensing) (4 - 140°F)		Dimensions	
Operating condition		Color	Black
Operating condition	Physical Spec.	Weight	Approx 3kg (6.6 lbs)
Storage condition Safety  EC 60950  Safety Regulation  EMC Certificate  CCC. CE. FCC. UL. Energy Star  Limited Warranty  Printhead  Cneeding Condition  -20-60°C/ =<95% RH (non-condensing) (4 - 140°F)  EC 60950  Class B CCC. CE. FCC. UL. Energy Star  One year or 30KM (33K Yards) Printing, whichever occurs first		•	
Safety IEC 60950  Safety Regulation EMC Class B CCC. CE. FCC. UL. Enerov Star  Limited Warranty Printhead One year or 30KM (33K Yards) Printing, whichever occurs first		. •	
Safety Regulation EMC Class B Cortificate CCC. CE. FCC. UL. Energy Star  Limited Warranty Printhead One year or 30KM (33K Yards) Printing, whichever occurs first			( ),( )
Certificate CCC. CE. FCC. UL. Energy Star  Limited Warranty Printhead One year or 30KM (33K Yards) Printing, whichever occurs first	Safety Regulation		
Limited Warranty Printhead One year or 30KM (33K Yards) Printing, whichever occurs first	Jaiety Negulation		*****
		Certificate	CCC. GE. PCC. UL. ENEROV STAT
	Limited Warranty	Printhead	One year or 20KM (33K Vards) Printing, whichever occurs first
rinter One year return to depor	Limited Warranty		, , , , , , , , , , , , , , , , , , , ,
		Fillitei	One year return to depot

## **DASCOM Americas**

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