

The TLP3842 Thermal Printer



The TLP 3842's 300 dpi printhead enables high quality, crisp, clear printing for labelling applications that require data such as two-dimensional barcodes, fine text, or composite graphics. Producing data on very small labels, for example laboratory vial labels or tags, is greatly enhanced by the high-density 300 dpi print resolution.

Equipped with serial, parallel, and USB interfaces, Zebra's 3842 offers versatile connectivity and integration. Additionally, with the optional internal ZebraNet PrintServer II, the TLP 3842 can be quickly and easily networked into an Ethernet environment, without the need for a dedicated PC connection. The TLP 3842 is used for a variety of applications, including prescription bottle labelling, laboratory specimen labelling, electrical component, and mechanical part labelling.

Quick Specs

Resolution

300 dpi (12 dots/mm)

Width

4.09" (104 mm) maximum

Speed

2" (51 mm)/sec

**CERTIFICATIONS & STANDARDS: CE & EN 55022-B: 1998
EN 55024: 1998 EN 60950: 1991**

Euro Business Solutions, has its HQ on the A1 near Edinburgh, UK.

Euro Business Solutions is a Microsoft Certified company with ISO 9001:2000 certification running a web based helpdesk with asset tracking to component level.

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See specifications overleaf...



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CERTIFIED**
Partner



Product Integrator

Euro House, Satellite Park, Macmerry, East Lothian UK EH33 1RW

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TLP 3842

SPECIFICATIONS

Standard Features

Print methods: Direct thermal (LP), thermal transfer (TLP)
Construction: High-impact, double-walled plastic enclosure
OpenACCESS design
Head-up sensor
Windows drivers (95, 98, Me, NT4.0, NT2000, XP)
Windows printer utilities

Printer Specifications

Resolution
300 dpi (12 dots/mm)
Memory
Standard: 512 KB SRAM; 1 MB Flash
Optional: up to 1.2 MB SRAM
Print width
4.09" (104 mm) maximum
Print length
11" (279 mm) with standard memory
22" (584 mm) with expanded memory
Print speed
2" (51 mm)/sec
Media sensors
Transmissive
Reflective

Media Characteristics

Maximum label and liner width
4.25" (108 mm)
2.8" (71 mm) with Media Adapter Guides
Minimum label and liner width
1.00" (25.4 mm)
0.585" (15 mm) with Media Adapter Guides
Maximum label and liner length
11" (279 mm)
Maximum label and liner length (optional)
22" (558 mm)
Maximum roll diameter
5" (127 mm)
Core diameter
1.0" (25.4 mm) and 1.5" (38 mm)
Media thickness
0.003" (.075 mm) to 0.007" (0.18 mm)
Media types
fanfold, roll-fed, tag stock, continuous receipt

Ribbon Characteristics

Outside diameter
1.34" (34 mm)
Standard length
244' (74 m)
Ratio
1:1 media roll to ribbon ratios
Ribbon width
Recommended to be at least as wide as media
1.33" (33.8 mm) to 4.3" (110 mm)
Ribbon setup
Ribbon wound ink side out
ID Core
0.5" (12.7 mm)

Operating Characteristics

Operating temperature
TT: Operating temperature 40° F (5° C) to 105° F (41° C) Thermal transfer
DT: Operating temperature 40° F (5° C) to 105° F (41° C) Direct thermal
Storage temperatures
-40° F (-40° C) to 140° F (60° C)
Operating humidity
10-90% non-condensing R.H.
Storage humidity
5-95% non-condensing R.H.
Electrical
Autoranging external power supply with C7 type connector
Output: 20 VDC, 2.5 A
Input: 100-200 VAC, 50-60 Hz

Agency approvals

UL
FCC
VCCI/PSE
C-TICK
NOM
CSA
CE

Physical Characteristics

Width
7.9" (201 mm)
Height
6.8" (173 mm)
Depth
9.75" (248 mm)
Weight
3.2 lbs (1.5 kg)
Shipping weight
5.8 lbs (2.6 kg)

Related Products

Warranty 1 Year
Cutter
Real time clock
ZebraNet PrintServer II for Ethernet connectivity (Internal and External available)
Dispenser with label taken sensor
Asian Font Set
Communication and Interface Capabilities
Serial RS-232 (DB9)
Parallel (Centronics)
USB
Optional internal Ethernet (ZebraNet PrintServer II)

Programming Languages

Core programming languages
EPL2

Bar Codes/Symbologies

Linear
Code 39
Code 93
Codabar
Code 128 with subsets A/B/C
Interleaved 2-of-5
UPC-A
UPC-E
UPC-A and UPC-E with 2 or 5 digit extensions
EAN-13
EAN-8
EAN-8 and EAN-13 with 2 or 5 digit extensions
Postnet
Japanese Postnet
Plessey
German Post Code
RSS-14
MSI-3
German Post Code
RSS-14
MSI-3
2-dimensional
MaxiCode
MicroPDF417
MacroPDF417
QR Code (requires Asian version printer)
Data Matrix
Fonts and Graphics
Standard Fonts: 5 bitmapped, expandable 8x
Soft font storage in Flash memory
DOS Code Pages Supported: 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 8, 866, 869, 737
Windows Code Pages Supported: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257

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