



logiJET T4-HS

**MAXIMUM FLEXIBILITY
FOR SMOOTH
PRODUCTION
AND LOGISTICS
PROCESSES**

PCL5 Compatible 4 Inch Thermal Printer

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Compatible with: **PCL5, IGP, IPDS, PDF, ZPL II**, and many more.
- WIFI optional
- **Laser printer compatible**
- **SAP® and AS / 400** compatible
- Process integration with optional **GPIO interface**

FIELD OF APPLICATION

- Stickers, labels and tags
- Printing large volumes in a short time
- Just-in-time printing or batch processing
- Logistics, commissioning, production, shipping, ...



Print Engine

Print technology	Thermal transfer/direct thermal (history-controlled flat head technology)
Controller	MPC 8.x
Print speed	up to 300 mm/s up to 12 Inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m, Direct: up to 25.000m
Power supply	110/240 V, 50/60 Hz
Power consumption	3,0 A
Dimensions (WxDxH in mm)	271 x 465 x 308
Weight	13,6 kg (without options)
Environment temperature	5 - 40 °C
Relative humidity	20 - 85 % (rel., non-condensing)
Interfaces	USB 2.0 (B-Type), 2 x front and 1 x rear USB Host (A-Type) Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	IEEE 1284 (Centronics) RS232, RS422 WiFi: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM 256 MB Flash 256 MB

MPC 8.x High-End Print-Controller

Emulations

MICROPLEX IDOL, AGFA Reno, LN03+, BULL-MP6090, IGP-10, IGP/PGL, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, AFP, RFM, Status-Out, PDF direct printing** (more emulations on request)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic), Interleaved 2/5 (3-Stroke Matrix), EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

Optional Barcodes (Barcode 2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5
(more barcodes on request)

Additional functions

Network capabilities	authentication standard IEEE 802.1X
Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command

Optional functions

Integrated form management (RFM)

Forms and fonts can be stored in the flash memory and can be accessed when needed.

Status-Out

gives notice of each correctly printed page via interface. Further features can be found in the manual.

Programmable GPIO-Interface (SPS-Control)

EMBEDDED INTELLIGENCE – Enabling two-way communication between printer and a PLC.

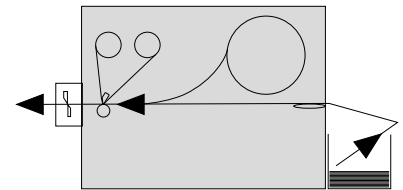
Integration of the printer into production lines is possible, controlled by GPIO-interface

Customer / Application specific modifications possible.



Printable Media

Size	
Width	max. 118 mm printable width 105.7 mm
roll diameter	max. 203 mm with 3" core
core diameter	1,5 - 3" (38,1 - 76,2 mm)
Paper thickness	0,076 mm - 0,25 mm
Thermal transfer ribbon	Roll diameter max. 3" (76.2 mm)
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 450 m
Coated side	inside or outside
Ribbon width	30 - 110 mm



Paper Path

Input

continuous
internal from roll, external (e.g. fanfold), sensor for black mark and label gap (reflection and transmissive)

Output

Single/Job	tear-off
Optional	
Continuous	internal peeler / rewinder
Single	peel-off, cutter
Job	cutter

* Not all interface options can be activated at the same time.
** Only available with MPC 3.4, MPC 7.1 and MPC 8.x

The brand names referred to are the registered trademarks of the respective companies. Technical data is subject to change. The information contained in this specification sheet refers exclusively to the described details and not to warranted characteristics. No guarantee is assumed. The information do not exempt from the obligation for inspection of each respective individual case. Version 18.10.2022

EMEA
APAC

MICROPLEX PRINTWARE AG
Panzerstraße 5, 26316 Varel
Germany
Phone: +49 4451 91370
E-Mail: sales@microplex.de

AMER
Canada

MICROPLEX PRINTWARE CORPORATION
30300 Solon Industrial Pkwy Suite E, Solon, OH 44139
USA
Phone: +1 440-374-2424
E-Mail: sales@microplex-usa.com



PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

www.microplex.de