



# 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 (through PCL5 + JetCAPS as well as LAN-IPDS)
- 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

<b>Print technology</b>	Thermal transfer/direct thermal (history-controlled flat head technology)
<b>Controller</b>	MPC 8.x
<b>Print speed</b>	up to 300 mm/s up to 12 Inch/s
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	Transfer: up to 50.000 m, Direct: up to 25.000m
<b>Power supply</b>	110/240 V, 50/60 Hz
<b>Power consumption</b>	3,0 A
<b>Dimensions (WxDxH in mm)</b>	271 x 465 x 308
<b>Weight</b>	13,6 kg (without options)
<b>Environment temperature</b>	5 - 40 °C
<b>Relative humidity</b>	20 - 85 % (rel., non-condensing)
<b>Interfaces</b>	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)
<b>Optional*</b>	IEEE 1284 (Centronics) RS232, RS422 WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
<b>Memory</b>	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

Codabar, 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

<b>Network capabilities</b>	authentication standard IEEE 802.1X
<b>Intelligent barcode generation</b>	on-the-fly in the printer
<b>Format splitting</b>	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.

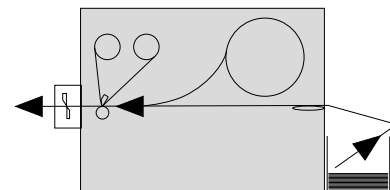
Integration of the printer into production lines is possible, controlled by GPIO-interface

Customer / Application specific modifications possible.



## Printable Media

<b>Size</b>	
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)
<b>Paper thickness</b>	0,076 mm - 0,25 mm
<b>Thermal transfer ribbon</b>	Roll diameter max. 3" (76.2 mm)
<b>Core diameter</b>	1 inch (25.4 mm)
<b>Ribbon length</b>	max. 450 m
<b>Coated side</b>	inside or outside
<b>Ribbon width</b>	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

<b>Single/Job</b>	tear-off
<b>Optional</b>	
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

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