



logiJET TM4

**MAXIMUM
FLEXIBILITY FOR
SMOOTH LOGISTICS
PROCESSES IN
MOBILE APPLICATIONS**

Wireless Mobility in Production Environments

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Compatible with: PCL5, IGP, IPDS, PDF, ZPL II, etc.
- WIFI optional
- Laser printer compatible
- SAP® und AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Mobile use for 12V, 24V or 48V applications
- or with 100 - 240VAC, 50/60Hz power supply

FIELD OF APPLICATION

- Mobile workstations
- Assembly on industrial trucks (forklift trucks)
- Packing stations with limited space
- Locations with high dust loads



Print Engine

Print technology	Thermal transfer/direct thermal (history-controlled flat head technology)
Controller	MPC 8.x
Print speed	up to 150 mm/s up to 6 inches/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m, Direct: up to 25.000 m
Power supply	AC: 100 - 240V (max. 1.6 A), 50/60Hz autoselectable DC: 12V (8A), 24V (4A), 48V (2A)
Dimensions (WxDxH in mm)	275 x 320 x 220 mm
Weight	10,0 kg (without options)
Relative humidity	30 - 85 % (rel., non-condensing)
Environment temperature	5 - 40° Celsius
Interfaces	USB 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/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, 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 sub formats by command.

Optional functions

Integrated forms 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 PCL.
Integration of the printer into production lines is possible, controlled by GPIO-interface.
Customer/Application specific modifications possible.



Printable Media

Size

Width	1" - 4.64" (25,4 - 118 mm) 106 mm printable
Roll diameter	max. 152 mm
Paper thickness	0.06 - 0.25 mm
core diameter	1,5 - 3" (38 - 76 mm)

Thermal transfer ribbon

Roll diameter	max. 64,5 mm
---------------	--------------

Core diameter

1 inch (25.4 mm)

Ribbon length

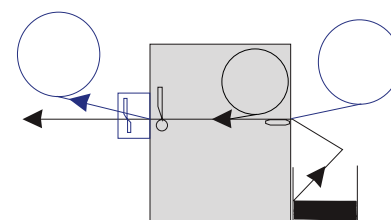
max. 300 m

Coated side

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	Tear-off
Job	Tear-off

Optional

Continuous	External rewinder
Single	Peel-off, Cutter
Job	Cutter
Mounting plate	for easy mounting on i.e. fork lift trucks

* Not all interface options can be activated at the same time.
** Only available from MPC 3.4, MPC 3.6, MPC 7.x 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 08.06.2022

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: info@microplex-usa.com



PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

www.microplex.de