

logiJET T4-2

Ideal for:

- Stickers, labels and tags
- RFID inlays (optional)
- Just-in-time printing or batch processing

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Easy handling
- 1D and 2D barcodes
- IDOL Windows driver included
- Ethernet (10/100 MBit)
- Thermo and matrix emulation
- Automatic switching to active interface & emulation in dependency of interface
- Optional PCL5e emulation to run directly from SAP

MAXIMUM FLEXIBILITY FOR SMOOTH PRODUCTION AND LOGISTICS PROCESSES

logiJET T4-2



The logiJET T4-2 is a robust 4-inch thermal printer, designed to cope with the toughest demands in production and logistics. It prints fast and efficiently on all common materials, either in high-grade thermal transfer quality or with economical and especially efficient direct thermal printing. The logiJET T4-2 features impressive 300dpi resolution enabling, for example, very small barcodes or graphics to be depicted in clear, razor sharp quality. The high performance of the flexible Microplex Controller ensures optimal printing speeds at all times. With optional RFID functionality, UHF RFID inlays can be simultaneously coded during printing.

Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled flat head technology)
Controller	MPC 6.6 with ATMEL AT91SAM 9260 (200-MHz-RISC-Prozessor)
Print speed	up to 150 mm/s up to 6 Inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m
Power supply	110/240V, 50/60Hz
Power consumption	3,3A
Dimensions (WxDxH in mm)	275 x 525 x 290
Weight	13 kg (without options)
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	Serial: USB 2.0 Parallel: IEEE 1284 (Centronics) LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP) Optional: RS232, RS422
Memory	RAM 128 MB Flash 64 MB

MPC 6.6 High-End Print-Controller

Emulations

MICROPLEX IDOL, AGFA Reno, LN03+, BULL-MP6090, Datamax (FGL), Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, UBI Fingerprint, IER Command, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80, MT-600/MT40, IDS, ANSI Genicom, HP Designjet, XML (SAP RFID), CUPS Raster

Optional Emulations

Factory Option PCL 5e (kann nicht nachträglich freigeschaltet werden), µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax Labelpoint, TIFF, IPDS, AEA, AFP, RFM, (more emulations on request)

Barcodes

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

Optional Barcodes

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

Additional functions

Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command

Optional functions

Integrated form management

up to 12 MB flash for forms and fonts inside the printer

Status-Out

gives notice of each correctly printed page via interface

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
roll diameter	printable width 106 mm max. 203 mm with 3" core max. 152 mm with 1,5" core
core diameter	1,5 - 3" (38,1 - 76,2 mm)

Paper thickness

0,06 mm - 0,25 mm

Thermal transfer

ribbon

Roll diameter max. 78 mm

Core diameter

1 inch (25.4 mm)

Ribbon length

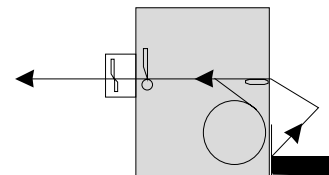
max. 450 m

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

Option RFID

Frequency Range

865.600-867.600 (ETSI EN 302 208)

RF Power

programmable in 15 levels (1dB step) from 9dBm to 23dBm (from 8mW to 200mW) conducted

Standard Protocols EPC C1 G2 / ISO18000-6C

Features read/write/verify (void)

Registration of antenna position

automatic (depending on antenna design)

The brand names referred to are the registered trademarks of the respective companies. All figures and details in italics and highlighted in color are optional. 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 11.12.2017



Microplex Printware AG
Panzerstraße 5 | 26316 Varel | Germany
phone +49 4451 91 37-0 | fax +49 4451 91 37-49

