microplex
printware corporation

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
	Direct: up to 30,000 m
Power supply	110/240V, 50/60Hz
Power consumption	3.3A
Dimensions (WxDxH in mm)	275 x 525 x 290
Weight	28.67 lbs. (without options)
Environment temperature	41 - 95°F
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 64 MB
	Flash 16 MB

MPC 6.6 High-End Print-Controller

Emulations

MICROPLEX IDOL, ZPL II, EPL, Datamax, Epson FX-80, IBM Proprinter, MT 40

Optional Emulations

Factory Option PCL 5e, IPDS, Printronix IGP, IGP, TIFF, µ Postscript, Kyocera Prescribe II, Idol Barcode II, (more emulations on request)

Barcodes

QR Code, EAN 8, 13, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, PDF 417, Royalbar, Planet, USD5, Aztec-Code, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code, UPS-Maxicode, Datamatrix, (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

SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)
integration of the printer into production lines is possible, controlled by SPS-interface.

Printable Media

Size

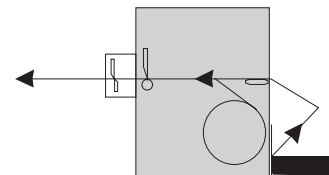|	
Width	max. 118 mm
	printable width 106 mm
roll diameter	max. 203 mm with 3¨ core
	max. 152 mm with 1.5¨ core
core diameter	1.5 - 3¨ (38.1 - 76.2 mm)
Paper thickness	0.06 mm - 0.25 mm
Thermal transfer	
ribbon	Roll diameter max. 78 mm
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 450 m
Coated side	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)

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY