microplex

ENJOY THE PERFORMANCE AND EASY HANDLING

logiJET TT8

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

8-Inch Thermal Printer for the toughest Industrial Applications

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Easy handling
- 1D and 2D barcodes
- Ethernet (10/100 MBit), WIFI optional
- GPIO / SPS control optional
- UHF-RFID optional
- Thermal, laser and matrix emulations incl. PCL5
- Enabled for remote printer management software SOTI Connect

FIELDS OF APPLICATION

- Stickers, labels and tags up to A4 size
- Toughest production and logistics deployment
- Just-in-time printing or batch processing
- Logistics, commissioning, production, shipping, etc.

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SPECIFICATIONS

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 inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	up to 50.000 m (thermal transfer), 25.000 m (direct thermal)
Power supply	100 - 240 VAC, 50/60 Hz
Power consumption	5,0 A (115VAC), 2.4 A (230 VAC)
Dimensions (WxDxH in mm)	387 x 415 x 290 mm
Weight	18 kg (without options)
Environment temperature	5 - 40°C
Relative humidity	20 - 85 % (rel., non-condensing)
Interfaces	USB 2.0 Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Options*	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, PDF Direct Printing

Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA (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 (Barcode2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more emulations 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
Remote Management Support	SOTI Connect (License necessary)

Optional functions

Integrated form management (RFM)

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

Status-Out

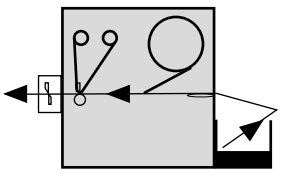
Gives notice of each correctly printed page via interface. Further features can be found in the manual.

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 and application specific modifications possible.

Printable Media

Size	
Width	100 - 228 mm (3.93" - 8.97") printable width 219 mm (8,62")
Roll diameter	max. 200 mm (7.87")
Core diameter	3 inch (76,2 mm)
Paper thickness	0,14 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	outside
Ribbon width	max. 220 mm (8.66")



Paper Path

Input

Continuous
internal: from Roll with 3" core
external: eg.fanfold sensor for black mark and label gap (reflection and transmissive)

Output

Single / Job	tear-off

Optional

Cutter:	**Guillotine-Cutter**
Lifetime:	up to 500.000 cuts (Material dependent)
Material-/cut width:	min. 100 mm, max. 228 mm

Option RFID

Frequency Range 865.600-867.600 MHz (ETSI EN 302 208 v3.1.1)

RF Power programmable in 18 levels (1dB step) from 10dBm to 27dBm (from 10mW to 500mW) conducted

Standard Protocols	EPC C1 G2 / ISO18000-63
Features	read/write/verify (void)

Registration of antenna position

automatic (depending on antenna design)

* Not all interface options can be activated at the same time.

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