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SOLID T8

MAXIMUM FLEXIBILITY FOR SMOOTH PRODUCTION AND LOGISTICS PROCESSES

8-inch Thermal Printer for Toughest Continuous Demands

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Easy handling of consumables
- USB, Ethernet (10/100 Mbit) as standard
- Laser printer compatible
- SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Very high printing speed
- Robust metal case
- Ribbon Safe Modus
- Enabled for remote printer management software SOTI Connect

FIELDS OF APPLICATION

- Stickers, labels and tags up to DIN A4
- Roughest production and logistics operations
- Fast on-demand printing or batch processing
- Suitable for the toughest continuous load

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SPECIFICATIONS

Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
Controller	MPC 8.x
Print speed	up to 406 mm/s up to 16 inch/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	100 - 240 VAC, 50/60 Hz
Power consumption	3,2A
Dimensions (WxDxH in mm)	450 x 490 x 305
Weight	26 kg (without options)
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non condensing)
Interfaces	USB, IEEE 1284 (Centronics) Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	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, HP-PCL5/ HPGL, IGP/PGL, AGFA Reno, LN03+, BULL-MP6090, 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, MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster, PDF Direct Printing**

Optional Emulations

µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, (more emulations on request)

Barcodes

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

Optional Barcode (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 subformats by command
Ribbon Save Mode	active from 12 mm unprinted length, to save ribbon
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

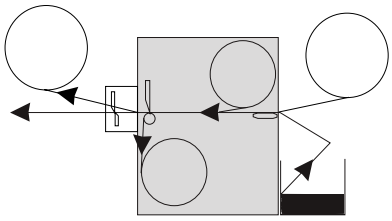
gives notice of each correctly printed page via interface. Further features can be found in the manual.

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 / Application specific modifications possible.

Printable Media

Size	100 - 254 mm width: printable width 213 mm
Roll diameter	max. 210 mm (max 5000 g)
Core diameter	1,5 / 3 / 4 Zoll (38,1 - 102 mm)
Weight	max. 240 g/m²
Paper thickness	0.2 - 0.9 mm
Thermal transfer ribbon	roll diameter max. 90 mm
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 600 m
Coated side	inside
Ribbon width	30 - 217 mm



Paper Path

Input

Continuous
internal from roll, external, e.g. fanfold
standard: Gap sensor (transmissive)
optional: Black Mark sensor (reflection)

Output

Single / Job	tear-off

Optional

Continuous	external Rewinder
Single	peel-off, cutter (up to 160 g/m²)
Job	cutter (up to 160 g/m²) power cutter (up to 240 g/m²)

* Not all interface options can be activated at the same time.
** Only available with MPC 3.6, MPC 7.x and MPC 8.x

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