microplex

ENJOY THE PERFORMANCE AND EASY HANDLING

SOLID 52A4 MICR

TOP PERFORMANCE MEETS HIGHEST SECURITY STANDARDS

Highest Security Standards and Printing Performance

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Cheque printing with MICR toner for highest security standards
- Optional WIFI and PDF direct print
- Duplex printing standard
- SAP® and AS/400 compatibel (through PCL5 + JetCAPS as well as LAN-IPDS)
- Flexible extension options for paper feed and tray
- Perfect control via GPIO / Status-Out
- Enabled for remote printer management software SOTI Connect

FIELD OF APPLICATION

- Security relevant documents / cheque printing
- Paper exit face-up and face-down
- Printing with different emulations (PCL5, IPDS, etc.)
- Perfect substitution for matrix printer

SOLID 52A4 MICR

SPECIFICATIONS

Print Engine

Print technology	Laser, OPC heat / pressure
Controller	MPC 7.1
Print speed	up to 52 pages/minute (A4) first page: approx. 5.9 s
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 50,000 pages (A4) (based on a using period of 60 months) max. 250,000 pages (A4)
Power supply	220-240 VAC, 50/60 Hz
Power consumption	700 W (Sleep Mode: 4,2 W)
Dimensions (WxDxH)	16.9" (428 mm) x 20.1" (511 mm) x 17.4" (442 mm)
Weight	57.3 lbs (26 kg) (incl. consumables)
Noise	< 57 dB (A)
Environment temperature	10 - 32°C
Relative humidity	8 - 80 % (rel., non condensing)
Interfaces	USB, Ethernet-Interface, 10/100 MBit, bi-directional (TCP/IP)
Factory Option	IEEE 1284 (Centronics)*
Option	RS232, RS422* WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM: 1024MB Flash: 32 GB

MPC 7.1 High-End Print-Controller

Emulations
MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, µ-Postscript, LN03+, BULL-MP6090, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPLII, EPL 2, 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
CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP/PGL, Labelpoint, IPDS, AEA (more emulations on request)

Barcodes
Codabar, 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 subformats by command
Integrated form management (RFM)	Forms and fonts can be stored in the flash memory and can be accessed when needed
Remote Management Support	SOTI Connect (License necessary)

Optional functions

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. Further features can be found in the manual.

Printable Media

Size	A6 to A4, special formats on request
Weight	60 - 203 g/m² Duplex 60 - 203 g/m²

Supported MICR fonts
MICR E-13B, MICR CMC-7

Paper Path

Input (Standard)
Cassette 1: 550 sheets (Ax to A4) 75 g/m²

Output (Standard)
550 sheets (75 g/m²)

Input (optional)
550 sheets (75 g/m²) tray
550 sheets (75 g/m²) lockable tray

up to 4 x 550 sheet trays usable

or 3 x 550 sheet trays
plus 1 x 2,100 sheet tray (75 g/m²)
Caster Base for 2,100 sheet tray needed

Output (optional)
Output expander 500 sheets (75 g/m²) (up to 3 times)
Face-up-Option

Other options
Spacer (non fuctioning input tray to elevate the printer)

Caster Base (only necessary for 2,100 sheet tray)

* Only one of these options can be installed at a time
** Only available with MPC 3.6, MPC 7.x and MPC 8.x

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