microplex

SOLID 52A4 MICR

Ideal for:

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

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- > Printing of cheques with MICR toner
- > Equipped with MICR toner for highest security standards
- > Optional WIFI and PDF direct print
- > Duplex printing standard
- > SAP and AS/400 compatible
- > Flexible extension options for paper feed and tray
- > Perfect control via GPIO / Status-Out

TOP PERFORMANCE MEETS HIGHEST SECURITY STANDARDS

SOLID 52A4 MICR

When security standards and top printing performance really matters, the SOLID 52A4 MICR professional laser printer is the perfect choice: the first page is printed in less than 6 seconds and this model boasts printing speeds of up to 52 pages per minute. It combines the highest level of reliability with versatile paper handling capabilities and meeting all relevant security requirements. Optional face-up output and the GPIO (SPS control) option provide with the unique Microplex controller supplying the intelligence for the best prerequisites for integrating the printer in existing system environments. Unlike the standard modell, the SOLID 52A4 MICR can only be operated with MICR toner to meet highest security needs for cheque printing and other security relevant documents.

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 V /50/60 Hz
Power consumption	700 W (Sleep Mode: 4,2 W)
Dimensions (WxDxH in mm)	428 x 511 x 442
Weight	26 kg (incl. consumables)
Noise	< 57 dB (A)
Environment temperature	10 - 32°C
Relative humidity	8 - 80 % (rel., non condensing)
Interfaces	USB 2.0,
	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, RFM

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, IGP/PGL, Labelpoint, Barcode 2, IPDS, AEA, AFP, Status-Out, PDF Direktdruck* (Telnet terminal emulation) (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

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	flash memory for forms and fonts inside the printer

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 2100 sheet tray (75 g/m²)
Caster Base for 2100 sheet tray needed

Output (optional)

Output expander 500 sheets (75 g/m²)
Face-up-Option

Other options

Spacer	(non fuctioning input tray to elevate the printer)
Caster Base	(only necessary for 2100 sheet tray)

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY