logiJET TM4

MAXIMUM FLEXIBILITY FOR SMOOTH LOGISTICS PROCESSES IN MOBILE APPLICATIONS

Wireless Mobility in Production Environments

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

> Compatibel with: PCL5, IGP, IPDS, PDF, ZPL II, etc.
> WIFI optional
> Laser printer compatibel
> SAP® und AS/400 compatibel (through PCL5 + JetCAPS as well as LAN-IPDS)
> Mobile use for 12V, 24V or 48V applications
> or with 100 - 240VAC, 50/60Hz power supply

FIELD OF APPLICATION

> Mobile workstations
> Assembly on industrial trucks (forklift trucks)
> Packing stations with limited space
> Locations with high dust loads

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 inches/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	AC: 100 - 240V (max. 1.6 A), 50/60Hz autoselectable
	DC: 12V (8A), 24V (4A), 48V (2A)
Dimensions (WxDxH in mm)	275 x 320 x 220 mm
Weight	10,0 kg (without options)
Relative humidity	30 - 85 % (rel., non-condensing)
Environment temperature	5 - 40° Celsius
Interfaces	USB
	Ethernet-interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	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

Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, PDF Direct Printing**
(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 (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 sub formats by command.

Optional functions

Integrated forms 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 PCL.
Integration of the printer into production lines is possible, controlled by GPIO-interface.
Customer/Application specific modifications possible.

Printable Media

Size

Width	1" - 4.64" (25,4 - 118 mm)
	106 mm printable
Roll diameter	max. 152 mm
Paper thickness	0.06 - 0.25 mm
core diameter	1,5 - 3" (38 - 76 mm)

Thermal transfer ribbon	Roll diameter max. 64,5 mm

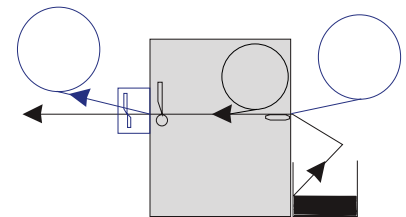|	
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 300 m
Coated side	Outside
Ribbon width	30 - 110 mm

Paper path

Input

Continuous
internal from roll, external (e.g. fanfold), sensor for black mark and label gap (reflection and transmissive)

Output

Single	Tear-off
Job	Tear-off

Optional

Continuous	External rewinder
Single	Peel-off, Cutter
Job	Cutter
Mounting plate	for easy mounting on i.e. fork lift trucks

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY