

LOGIJET T8 **RFID**

The robust and intelligent printer for production and order picking with fully integrated UHF reader



Applications

- ... smartlabels, labels and tags
- ... from roll or leporello
- ... just-in-time- or batch printing
- ... reading, writing and controlling of smartlabels

MULTI-PROTOCOL UHF READ-/WRITE UNIT

compatible with all important RFID standards (UHF)
EPC Level 1 Gen1/2 resp. ISO 18000-6 B+C

SUPPORTS SAP UND SUN RFID PLATFORMS

ROBUST METAL CASE

Ideally suited for the rough industrial daily routine

COMPATIBLE WITH LASER PRINTERS

SAP- AND AS/400-COMPATIBLE

Supports PCL5e+Jetcaps and LAN-IPDS

EASY HANDLING OF THE CONSUMABLES

PROCESS INTEGRATION VIA SPS-CONTROL

USB+ETHERNET AS STANDARD EQUIPMENT

HIGH-END PRINT CONTROLLER

MPC inside
5.x FUNCTIONS EMULATIONS SPEED

UHF ISO 18000-6 B/C
integrated EPC LEVEL 1 GEN.1+2
RFID

barcodes
1/2D "on-the-fly"
emulation
IGP

ready for...
PRINT PLEX
printmanagement software

function
integrated
FORM
management

emulation
PCL 5e

ready for...
LAN-admin.
IP-ADMIN

function
SPS
CONTROL

emulation
MAGNUM
CODE V

ready for...
SAFE
PRINT
safe clustering and printout supervision

function
status-out
PAGE
CONTROL

emulation
ZPL II

RFID
intelligent
ready for **autoID**
GATEWAY

control
LAN-admin.
IP-PANEL

emulation
KODE
SCRIPT

300 dpi
150 mm/s
8,6" print width

function
UHF LONG RANGE
RFID
ISO 18000-6 B/C read/write

more than
30
emulations

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MICROPLEX®

...the standard and **more**

LOGIJET T8 (RFID)

The LOGIJET T8 RFID combines economic thermal printing for industrial applications with full RFID functionality. Defective tags will be indicated while operating. The integrated reader is completely mainstreamed into the print controller which enables a handling of the labels without any time delay. In the process of reading and writing the UHF reader supports all important RFID standards.

The sophisticated antenna system safely selects even narrow labels with a gap of less than 2 cm.

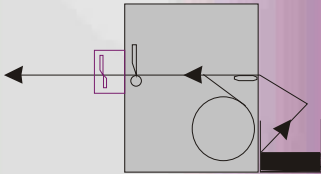
Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled flat head technology)	
Controller	MPC 5.x with Intel XScale PXA 255 (200 MHz RISC processor)	
Print speed	up to 150 mm/s up to 6 inch/s	
Resolution	300 dpi x 300 dpi	
Lifetime print head	Transfer	up to 50.000 m
	Direct	up to 30.000 m
Power supply	ACc 100 - 120, 200 - 240 V, 50/60 Hz	
Dimensions (WxDxH in mm)	395 x 415 x 260	
Weight (without cutter)	18 kg	
Environment	rel. h. (n. cond.) 45 - 75 % temp. 5 - 35°C	
Interfaces	Serial	USB
	<i>optional</i>	RS232, RS422
	Parallel	IEEE 1284
	LAN	Ethernet-Interface
		10/100 MBit, bi-directional (TCP/IP)
Memory	RAM	64 MB
	Flash	16 MB
Display	graphic display, 128x64 dot, with backlight	

MPC 5.x High-End Print Controller

Emulations	MICROPLEX IDOL HP PCL 5e Epson FX-80 Datamax	IBM Proprinter Diablo 630 ZPLII EPL
Optional Emulations	<i>Printron IGP PGL, TIFF μ-Postscript</i> <i>Magnum Code V Kyocera Prescribe Express</i> <i>(more emulations on request)</i>	
Barcodes	EAN 8, 13, 128, add on 2/5 3-stroke Datalogic 2/5 3-stroke Matrix Codabar, PDF 417	Jetcaps (HP/SAP) Code 39 128 MSI UPC A, E Postnet, KIX
Optional Barcodes	<i>USD5 UPS-Maxicode Datamatrix</i> <i>(more barcodes on request)</i>	
Functions	Intelligent barcode generation on-the-fly in the printer Format splitting in several subformats by command	
Optional Functions	Integrated form management up to 12 MB flash for forms and fonts inside the printer Status-out gives notice of each correctly printed page via interface SPS-control integration of the printer into production lines is possible, controlled by SPS-interface.	

Paper Path



Feeder/Stacker

Input	continuous	internal from roll external, e.g. fanfold sensor for black mark and label gap (reflection and transmissive)
Output	continuous	<i>option: internal peeler/rewinder</i>
	single	tear-off* <i>option: cutter*</i>
	job	tear-off* <i>option: cutter*</i>

* Not in RFID mode

Media

Size	width: max. 228 mm printable: 219 mm n.a. mm
	roll diameter core diameter
	1,5 - 3 inch (38,1 - 76,2 mm)
Thickness	0,14 mm - 0,25 mm
Ribbon	roll diameter core diameter ribbon length coated site width
	max. 76 mm 1 inch (25.4 mm) max. 450 m outside max. 220 mm

Further Products

Flat head thermal printers with UHF RFID reader

LOGIJET T4



150
mm/second
300
dpi
4"
print width

LOGIJET T6



150
mm/second
300
dpi
6"
print width

LOGIJET T8



150
mm/second
300
dpi
8"
print width

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UHF RFID READER (RFID) **Intelligent**

RFID Transmission	integrated multi-protocol reader 869,5 MHz USA (902-928 MHz) <i>optional on request</i> Japan (952-954 MHz) <i>optional on request</i>
Functionality	reading/writing/verifying
Accepted standards	EPC Class 1 Gen2, EPC 1.1.9 Philips, ISO 18000-6B/6C
Measurement antenna position	manually (depending on label and antenna design)
Smallest antenna gap	at least 20 mm
Integration	SAP+SUN middleware drivers MICROSOFT .NET 5.0 library Plug+Play: MICROPLEX autoID-GATEWAY

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