

# Label Printer for Mobile Applications

**MAXIMUM FLEXIBILITY FOR SEAMLESS LOGISTICS PROCESSES FOR MOBILE APPLICATIONS**



**PRINTING TECHNOLOGIES**  
ENGINEERED IN GERMANY

Your Microplex partner:

EMEA  
APAC  
**MICROPLEX PRINTWARE AG**  
Panzerstraße 5, 26316 Varel  
Phone: +49 4451 91370  
E-Mail: [sales@microplex.de](mailto:sales@microplex.de)  
[www.microplex.de](http://www.microplex.de)

AMER  
Canada  
**MICROPLEX PRINTWARE CORPORATION**  
30300 Solon Industrial Pkwy Suite E, Solon, OH 44139  
Phone: +1 440-374-2424  
E-Mail: [info@microplex-usa.com](mailto:info@microplex-usa.com)  
[www.microplex-usa.com](http://www.microplex-usa.com)

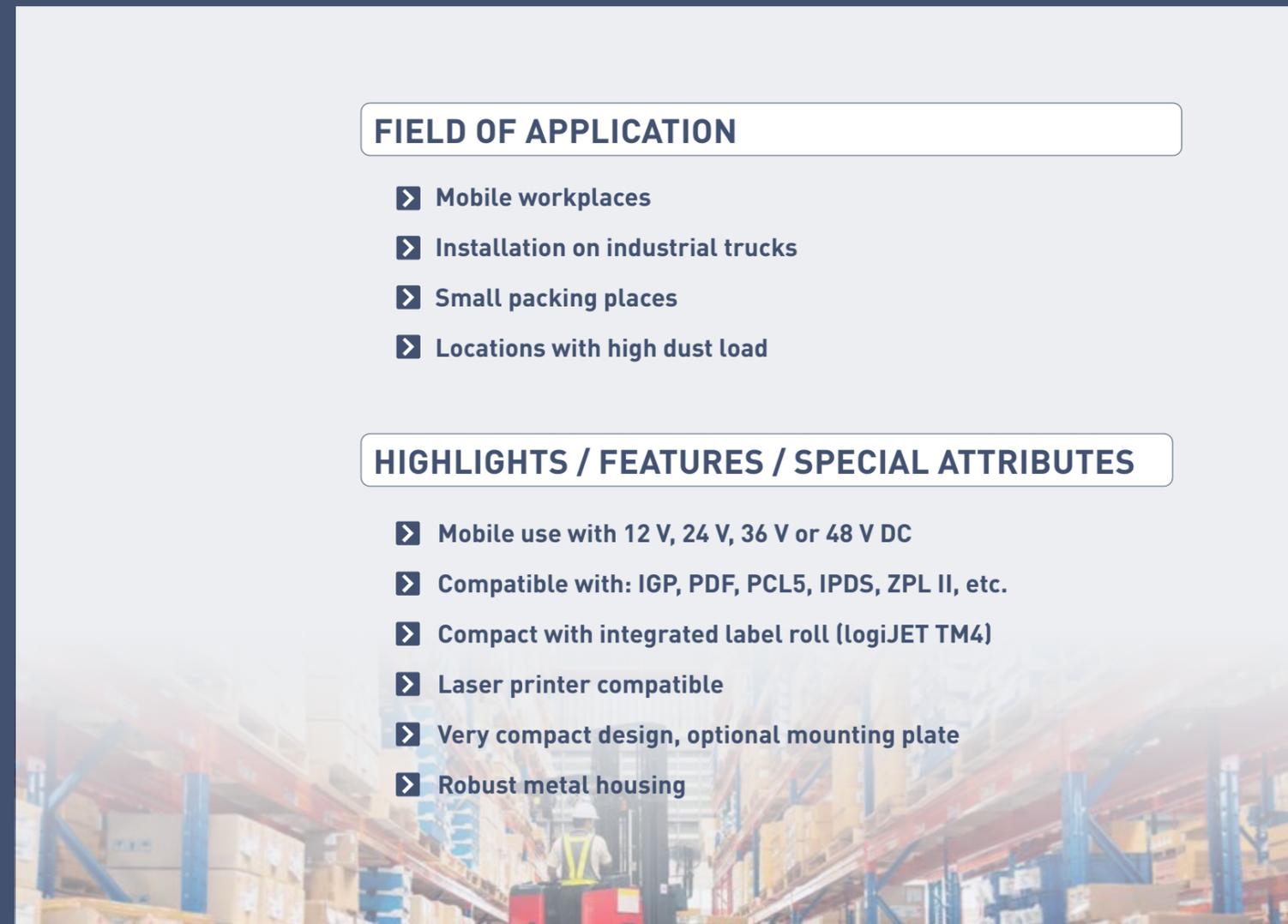
The brand names referred to are the registered trademarks of the respective companies. Technical data is subject to change. The information contained in this specification sheet refers exclusively to the described details and not to warranted characteristics. No guarantee is assumed. The information do not exempt from the obligation for inspection of each respective individual case.  
Version 03.04.2024

## FIELD OF APPLICATION

- Mobile workplaces
- Installation on industrial trucks
- Small packing places
- Locations with high dust load

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Mobile use with 12 V, 24 V, 36 V or 48 V DC
- Compatible with: IGP, PDF, PCL5, IPDS, ZPL II, etc.
- Compact with integrated label roll (logiJET TM4)
- Laser printer compatible
- Very compact design, optional mounting plate
- Robust metal housing



# MAXIMUM FLEXIBILITY FOR SEAMLESS LOGISTICS PROCESSES FOR MOBILE APPLICATIONS



## Wireless Mobility in Production Environments

With **battery** connection and **WiFi**, the mobile thermal printers from Microplex can be flexibly used at any place. Other interfaces such as **USB**, **Centronics** or the serial **RS232 / RS422** extend the range of applications enormously.

The robust metal housings and the optional **mounting plate** with vibration dampers provide optimum protection against bumps and vibrations in rough industrial environment.

Labels from one inch width up to forms with up to A4 width can be processed. The use of possibilities are diverse, such as

- Label printer for industrial trucks
- Mobile log printer
- Loading list printer
- Logistics printer for delivery notes, shipping labels, invoices
- And more

### logiJET TM4

- Direct thermal and thermal transfer
- Print width 1 inch up to 4 inches
- Internal label roll
- Print speed up to 150 mm / s
- Power supply 100 - 240 V AC and 12V, 24V, 48V DC standard
- USB and Ethernet

Options:

- Mounting plate
- GPIO interface
- Status-Out feedback
- WiFi, RS232, RS422, IEEE 1284 (Centronics)

### logiJET TM8

- Direct thermal printing
- Print width up to 8 inches
- Power supply optionally 100 - 240 V AC or 24V, 36V, 48V DC
- USB, and Ethernet

Options:

- Mounting plate
- GPIO interface
- Status-Out feedback
- WiFi, RS232, RS422, IEEE 1284 (Centronics)



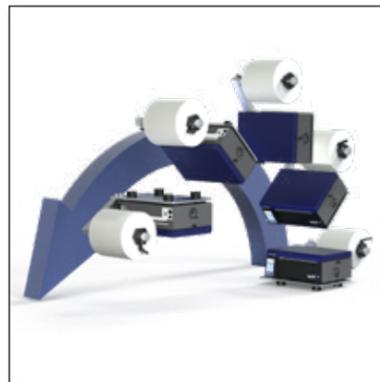
logiJET TM4



logiJET TM4 - mobile use on industrial trucks



logiJET TM8



logiJET TM8 - position-independent installation

## Multiple Configuration Options

The Microplex printers with their Multi Intelligence Controller have a variety of configuration options and can thus be individually adapted to the intended application.

More than **40 printer languages (emulations)** can be selected and configured. In addition to the feedback via **SNMP** and **status-out**, the Microplex printers can be very conveniently integrated into a WiFi and administered.

- Monitor printer status via **SNMP** (fleet management)
- Individual feedback via the data channel (**status-out**)
- User-friendly configuration via **web panel**
- Modern WiFi interface with all current protocols, security standards and authentication standards (**IEEE 802.1X**)

## Emulations and Barcodes

### Thermal printer emulations, i.e.

ZPL II, EPL2, IGP/PGL, Datamax, TEC, IER-Command, Intermec Direct Protocol, LDC, Labelpoint, Etimark MP-1220, cab

### Laser printer emulations, i.e.

PCL5, IGP/PGL, XES, Kyocera Prescribe, Kodescript+, AGFA Reno, LN03+, BULL-MP6090

### Matrix printer emulations, i.e.

IGP/VGL, IGP/PGL, Epson FX-80, Ansi Genicom, CODE-V, MT-600, IBM Proprinter, IPDS

### Further emulations

PDF, CUPS-Raster, HPGL, TIFF, Diablo 630, Lineprinter

### Two-width codes

Codabar, Code39, MSI, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic), Interleaved 2/5 (3-Stroke Matrix)

### Multiple-width codes

EAN-8, EAN-13, EAN-128, Add-on-Codes, Code 11, Code93, Code 128, UPC-A, UPC-E

### Height-modulated codes

Postnet, Planet, KIX, Royalbar, USPS One Code

### 2D-barcodes

Aztec-Code, PDF 417, Datamatrix, Maxi-Code, USD-5, QR-Code



## Microplex WiFi Interface

An optional WiFi interface is available for the connection to modern wireless networks. This is connected directly to the Microplex Multi Intelligence Controller. The Microplex WiFi interface offers many features:

- WiFi 802.11 b/g/n
- Up to **150 Mbps** transfer rate
- WPA/WPA2, WPA-PSK/WPA2-PSK, WEP (64-bit, 128-bit) encryption
- **IEEE 802.1X** authentication standard

Examples of the integration of mobile Microplex thermal printers in industrial environments.