tidirefi
PRINTERS, INKS & SPARE PARTS

DATA SHEET

INDUSTRIAL TIJ PRINTER

# K125NF

**600 DPI**
max. resolution

**25.4mm**
print height

**5"**
touchscreen

**120 m/min**
speed at 300 dpi

**Easy to install, configure, code.**






## About the product

- **Printhead:** From 1mm to 25.4mm.
- **High speed printing:** Up to 120m/min 300dpi.
- **Easy to use:** 5" touchscreen with intuitive interface for easy configuration.
- **The only manufacturer to offer 2 year extended warranty.**



Printer equipped with surge, cross-talk and harmonic filters



Solid-state electronic boards. Military-grade resistance

## Versatile solutions

**High resolution printing at high speed.**

**High quality:** texts, logos, barcodes, QR codes and high density pictures.

**Efficient and flexible:** database compatible to suit any type of industrial application.

**Variable print control:** 150dpi / 300dpi / 600dpi print resolution for optimal printing.

## 10 reasons

1. No filter change required; 2. Low cost printer; 3. Small size; 4. Easy use and messages creation; 5. No maintenance required; 6. No expendable parts; 7. High resolution printing; 8. Inks without hazardous solvent; 9. Multi-material printing; 10. High profitability printer.

## Robustness

**Suitable for any type of environment** (whether wet, dusty, corrosive...).

**Quick setup:** fast and intuitive parameters setting.

**Safe operation:** easy configuration of safety parameters.

**Profitability of printing costs:** cost per print calculator. Bulk system installation possible to save on printing costs.

**Easy printing at low cost.**

## Wide range of inks

Polymeric for non-porous materials.

Water-based for porous and semi-porous materials.

Food dye, pigmented, invisible, UV.

Wide range of colors.

High adherence and long decap.

## Printer

| | |
|---|---|
| **Housing** | Steel housings and compact design |
| **Operating system** | Linux |
| **Electronics** | Solid-state electronics with military-grade resistance and non-moving parts |
| **CPU** | Equipped with anti-interference system |
| **Interface and software** | 5" touchscreen interface; WYSIWYG templates and printing review; menu-driven configuration of safety parameters |
| **Ports and inputs** | One USB port and one RS-232 / RJ45 port; encoder and sensor input |
| **Power** | Input: AC 100-240V 50-60Hz / Output: DC 12.6V 3A |
| **Working conditions** | Operating temperature: 0-55ºC (water-based inks: 10-40ºC; polymeric inks: 15-35ºC) / Humidity: 30-70% (without condensation) |
| **Languages** | Multilanguage |
| **Dimensions** | Controller: 136mm x 85mm x 60mm / Printhead: 110mm x 80mm x 102mm |
| **Weight** | 430g |



## Printing and printhead

| | |
|---|---|
| **Speed and resolution** | Max. print speed: 300m/min / Max. print resolution: 600dpi |
| **Printing features** | Static text, user inserts, date / time, shift codes, counters and variable data. TrueType Windows fonts |
| **Barcode** | Codabar, Code128, Code39, Code93, EAN8, EAN13, EAN128, Pharmacode, Plessey, UPC-A, ... |
| **2D barcode** | Datamatrix, QR code, MicroQR, Maxicode, ... |
| **Printhead** | TIJ 2.5 technology / Printing distance: 2-6mm / Cartridge parameters and ink levels managed by RFID recognition |

## Marking and accessories




Date and QR code




Dynamic QR codes




UV security inks