

# Elfin II

## Two Printheads 1 inch High Resolution Inkjet Printer



### Print Heights

With two stitched print heads, Print Heights can reach 1 inch (25.4mm)



### Stand-alone print heads

Print heads and the controller can separately print two half inch



### Connect to External Data Source

Through port of USB, Ethernet and RS232, printer can integrate with the external data



### Built-in Photocell

Smart detection of external substrates with built-in photocell in print heads



### 7 inch LCD Touch Screen

7 inch bran-new color LCD touch screen



### Aviation Connector

With Aviation connector to achieve high reliability and easy installation for bidirectional printing



### Database Support

PC software supports the timely printing of data of MS Excel, MS Access, SQL2000, SQL2005, SQL2008 etc...



### Smart Ink

Automatically recognize the ink types and identify the optimum printing parameters

## Features

### Selectable Languages

Chinese, English, Japanese, French, German, Spanish, Portuguese and Russian;

### Fonts

Default font is Arial, allows users to load the fonts they need;

### Barcodes

UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, ENA 128, PDF417, DATAMATRIX, QR; (Allows user to add the barcode)

### Date format

Two date types(production date, expiry date), different options of date format;

### Support external database through PC software

MS Excel, MS Access, SQL;

### Support data source from printer

Provide standard RS-232, Ethernet port and USB port, simplify the integration for customers;

\*Date and counters can be switched to variable barcode printing



## Technical Parameters

### Technology

HP TIJ2.5;

### Dimensions

controller(H\*W\*D): 210\*135\*37mm/8.3\*5.3\*1.46inch  
one print head(H\*W\*D): 126\*100\*31mm/4.9\*3.9\*1.2inch  
(Anti-shock cover is not included);

### Power Supply

AC 90V-240V/50-60HZ, 90W (Dedicated AC);

### Printable Heights (mm)

1~12.7mm (one print head)  
1~25.4mm (two print heads)

### Printing Speed

0~60m/min ( 300DPI )  
0~30m/min ( 600DPI )

### Resolution

50~600DPI

### Printing Objects

Barcodes, Character, Numeric, Logo, date/time, Expiry Date, Shift code;

### Port

- 1) Ethernet: 100Mb/S, synchronized control of multiple devices via PC;
- 2) USB2.0 Port: Support-Disk;
- 3) DB15: For external devices like photocell, synchronizer or alarm kit connection;

### Interface

- 1) 7 inch 800 \*480 color LCD touch screen;
- 2) With touch screen interface operation, easy to use;
- 3) Printer can work separately without PC software;

### Ink management

- 1) Automatically recognize the ink types and identify the optimum printing parameters.
- 2) Guarantee of using genuine original HP ink.
- 3) Automatic measuring system for the usage of the ink

### Mounting

Standard side and downside printing assembly, customers can fix it flexibly.

### Product Certification

CE, FCC;

### Environment

- 1) Working Environment: -10°-- +55°C; 10%-85%RH;
- 2) Storage Environment: -25°-- +80°C; 10%-90%RH;

## Ink Solutions

- 1) Support 42ml, 370ml and 350ml cartridges of HP TIJ2.5 technology;
- 2) Support various colors of ink: black, red, green, blue;
- 3) Support Porous, semi-porous and non-porous materials.