

# Distinctly Different Digital



## illumex® X2 X4 DATABASE HP TIJ2.5 THERMAL INKJET PRINTER



**HIGH SPEED**  
Print upto 200m/min



**HIGH RELIABILITY**  
Unique nozzle control  
Real time temperature control  
Alternate nozzle printing  
Higher print quality, longer service life



**FLEXIBLE OPTIONS**  
Horizontal dpi - 50 to 1200dpi  
Resolution 600 x 1200dpi  
Function -Communication  
- I/O customisation

### Printer Options: Two Printheads



### Four Printheads





POLYMER THERMAL INKJET TECHNOLOGY

200  
m/m

1200  
dpi

1 to 4  
Heads

Variable  
data

EASY  
use

## Parameters:

|                                 | illumex - X4                                                                                                                                                       | illumex - X2                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>Technology</b>               | HP TIJ 2.5 Thermal Inkjet Technology                                                                                                                               |                                                           |
| <b>Resolution</b>               | Vertical: 600 dpi Horizontal dpi 40-1200 dpi.(single head)                                                                                                         |                                                           |
| <b>Communication Protocol</b>   | Plain code protocol, easy system integration and secondary development.                                                                                            |                                                           |
| <b>Screen</b>                   | 7 inches color capacitance screen                                                                                                                                  | 7 inches color capacitance screen                         |
| <b>Dimensions</b>               | Controller: 211*125*43mm                                                                                                                                           | Controller: 211*125*43mm                                  |
|                                 | Print head: 156*49*93mm                                                                                                                                            | Print head: 156*49*93mm                                   |
| <b>Language</b>                 | Chinese, English, Korean, Spanish, Japanese, French, German, Italian, Turkish                                                                                      |                                                           |
| <b>Keyboard</b>                 | Chinese, English, Korean, Arabic, Russian, Spanish, French, German                                                                                                 |                                                           |
| <b>Counter</b>                  | Ordinary counter, the carry bit source setting flexibly                                                                                                            |                                                           |
| <b>Printing Height</b>          | 1~50.8mm<br>(Four printheads, Separate or combine at will)                                                                                                         | 1~25.4mm<br>(Two printheads, Separate or combine at will) |
| <b>Printing Speed</b>           | Up to 60m/min                                                                                                                                                      |                                                           |
| <b>Printing Performance</b>     | The speed of QR code printing up to 5pcs/sec.                                                                                                                      |                                                           |
| <b>Supported Barcode</b>        | 1.Codebar 2.Code25 3.Code39 4.Code93 5.Code128 6.UPCA 7.UPC E 8.EAN                                                                                                |                                                           |
|                                 | 1.QR Code 2.Data Matrix GS1 3.Grid Matrix 4.Maxicode 5.PDF417                                                                                                      |                                                           |
| <b>Date Format</b>              | The date mode setting flexibly,User-defined the format.                                                                                                            |                                                           |
| <b>Interface</b>                | Ethernet interface*1                                                                                                                                               |                                                           |
|                                 | USB interface*1(USB flash drive and auxiliary communication equipment available)                                                                                   |                                                           |
|                                 | DVI interface: connect to cable box or extended cable box<br>Cable box interface: alarm kit, photocell, encoder, I/O (2 inputs 2 outputs) RS232                    |                                                           |
|                                 | Extended cable box interface: alarm kit, photocell, encoder, I/O (6 inputs 5 outputs) RS232<br>DC interface: power cable DB15 interface: connect with printhead *4 |                                                           |
| <b>Ink Management</b>           | Recognize the ink type and choose the most suitable parameters automatically                                                                                       |                                                           |
|                                 | Only original HP cartridges are supported;<br>Automatic measurement system for ink consumption                                                                     |                                                           |
| <b>Set up</b>                   | Equipped with side printing/down printing bracket can be combined installation at will,<br>optional Spring-back mechanism                                          |                                                           |
| <b>Environment Requirements</b> | Operating environment: -10°-55°; 10%-95%RH                                                                                                                         |                                                           |
|                                 | Storage environment: -20°- 70°; 10%-95%RH                                                                                                                          |                                                           |
| <b>Input Power</b>              | 100-240V~50/60Hz 1.5A 120VA                                                                                                                                        |                                                           |
| <b>Output Power</b>             | 24V 4A 96W                                                                                                                                                         |                                                           |
| <b>Product Certification</b>    | CE FCC                                                                                                                                                             |                                                           |

“ Coding and marking options for most all products used in the fast moving consumer goods market ”



**digital**  
ink technologies