

# illumex® X2/X4 ECO

HPTIJ2.5 THERMAL INKJET PRINTER



X4 ECO

## Our Printers Do More

When you're coding thousands of products an hour, performance isn't optional, it's mission-critical. From batch codes on pharmaceutical foil to expiry dates on vacuum-sealed cheese, illumex® printers delivers next-generation thermal inkjet solutions that redefine what's possible with HP TIJ 2.5 thermal inkjet printers.



**HIGH SPEED**  
Print upto 100m/min



**TRUE PRINT® TECHNOLOGY**

Unmatched print quality with NO GAP printing (nonstop) ideal for applications demanding high resolution imagery



**HMI & INDUSTRIAL 4.0**  
Reliable & rapid communication



**POLYER THERMAL INKJET TECHNOLOGY**



## Intelligent Thermal Inkjet Automation



X2 ECO

At illumex®, we have redefined the possibilities of industrial printing with cutting-edge HPTIJ2.5 thermal technology designed for speed, precision and reliability.

Whether it's a simple message or complex multi head, multi lane setups, our HP TIJ2.5 thermal inkjet printers deliver precise, scalable coding & marking across a broad range of industrial packaging applications.

### Parameters:

	Parameters	
	illumex® ECO X4	illumex® ECO X2
Technology	HP TIJ2.5 Thermal Inkjet Technology - Powered by POLYtj® - TruePrint™	
Resolution	Vertical: 600 dpi - Horizontal: 40-1200 dpi (Single head)	
Communication Protocol	Industry Standard Protocols: HTTP - TCP/IP - RS-232 - RS-485 - Modbus (RTU/TCP)	
Screen	7 inch - Full Color Touch Display (Capacitive)	
Dimensions	Controller: 211 - 125 - 43 mm (H-W-D)	Controller: 207 - 134 - 38 mm (H-W-D)
Language	English - Spanish - French - German - Turkish - Chinese - Korean - Russian	
Keyboard	English - Arabic - Spanish - French - German - Chinese - Korean - Russian	
Counter	The printer is equipped with a built-in counter. The counter can be reset for each job or production batch, allowing operators to monitor output and maintain records.	
Printing Height	1-50.8 mm Up to Four (4) Printheads - Separated or Combined	1-25.4 mm Up to Two (2) Printheads - Separated or Combined
Printing Speed	Up to 100 metres/minute	
Printing Performance	Codebar - Code 25 - Code 39 - Code 93 - Code 128 - UPCA - UPCE - EAN - ITF 14	
Supported Barcodes	QR Code - Data Matrix GS1 - Grid Matrix - Maxicode - PDF 417	
Date Format	Create your own fully customisable date formats - Best Before, Use-by, Julian Date, etc	
Interface	4 x DB15 pin interface: printhead connection from 1-4	
	2 x DB15 pin aviation interface: printhead connection from 1-2	
	1 x Ethernet interface	
	1 x USB interface (USB flash drive and auxiliary communication equipment available)	
	1 x DVI interface: Direct cable DVI to DB9 to connect one of either photocell sensor or encoder	
Ink Management	Original HP cartridges only: Automatically recognises the ink and sets optimal firing parameters, whilst calculating ink consumption	
	Equipped with side printing and down printing brackets, which can be used for multiple printhead combination installations	
Setup	Optional Accessories: Spring-back mechanism, stitched printhead deflector plates (2PH, 4PH)	
	Operating environment: -10°C - 55 °C ; 10% - 95% RH	
Environment Requirements	Storage environment: -20°C - 70 °C ; 10% - 95% RH	
	100-240V - 50/60Hz - 1.5A - 120VA	
Power Input	24V - 4A - 96W	
Power Output	CE - FCC - ROHS	
Certification		

### Top Mount



### Side Mount

### DISTRIBUTOR



Schur Automation a/s  
Fuglevangsvej 41, 8700 Horsens  
Tel. +45 79 28 29 28  
www.schur.com - marking@schur.com

### illumex®

ADDRESS: 1 & 2, 74 Mason Street  
Campbellfield, Victoria, 3061, Australia

TELEPHONE: +(613) 9357-5533

EMAIL: sales@illumex.au