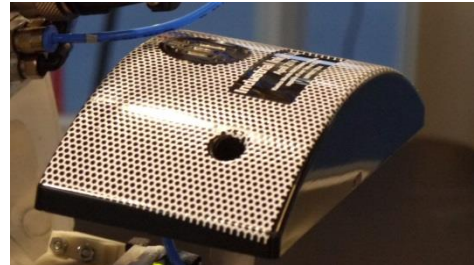




## High Density White Digital Print Module



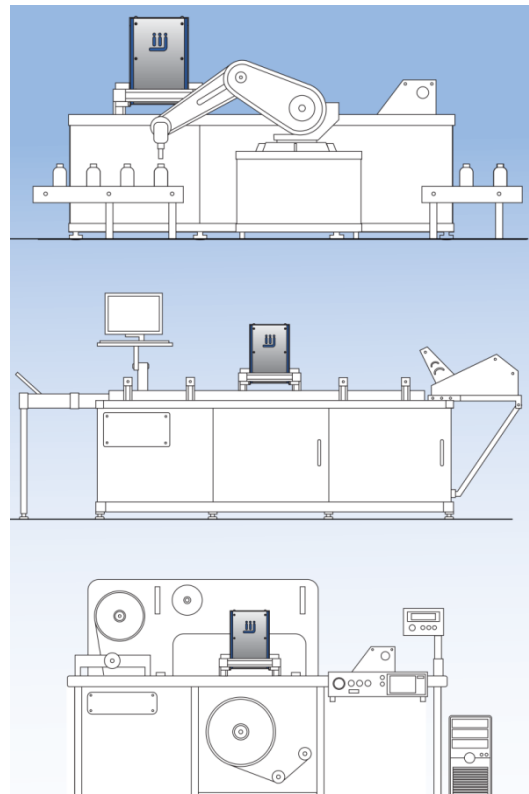
MonoPrint iW

**Increase your profitability by enabling short run, personalisation and brand protection features.**

Ideal for high quality, late stage label and packaging customisation. As with all IIJ digital modules, this unit can be integrated onto most flexo presses with no more difficulty than existing analogue technology. Additionally it can be combined with automation for direct to product applications.

Using the latest high speed printheads from Konica Minolta, the MonoPrint iW can achieve the high standards of print quality, reliability and longevity that customers have come to expect from IIJ, at high speeds.

The MonoPrint iW can achieve a high density white, either as a pre-coat to colour printing or for variable data. It is also compatible with low-migration inks.



## Major Features

### High Productivity

Utilising the high productivity of Konica Minolta's KM1024i printheads, the MonoPrint iW has the ability to lay down significantly more white ink than competitor systems at production speeds. In addition, the ability to print higher viscosity UV inks allows more opaque formulations to be used.

### High Flexibility

The MonoPrint iW can utilise a wide range of ink solutions, and is compatible with most inkjet inks. Also, as the system can be tailored to each customer's requirements, integration is much simpler.

### High Reliability

As with all IJ products the MonoPrint iW has excellent simplicity of overall design, including low flow rate recirculation. It is designed and tested for reliability.

### Innovative Design

Due to its compact footprint existing equipment can be converted to digital. This also allows lower media control tolerance. The open design allows easy maintenance and simple operation.

### Competitive Price

With a low capital cost compared to an Inkjet press, and significantly lower cost of ownership than comparable systems, the return on investment will be much faster. This is driven by high reliability, long lasting printheads and the use of high quality inks to reduce ink usage.

### Knowledge and experience

IJ's team of inkjet system experts work closely with customers to ensure the right solution for each application.

## Specifications

	720 x 720 dpi *	360 x 360dpi	360 x 720 dpi
Available Print Widths	72; 142; 212; 282; 352; 422mm		
Maximum Speed Single Row	40m/min	27m/min	40m/min
Maximum Speed Double Row	80m/min	54m/min	80m/min
Grey Levels	2	4	2
Apparent Resolution (dpi)	720	623	529
Smallest Drop Size	14pl		
Printhead Technology	Konica Minolta KM1024iMHE-D		
Input File Formats	BMP, JPG, TIFF, PDF,CSV		
Power Requirements	230V single phase 50Hz/110v single phase 60Hz		
Ink Types	UV (including Low Migration)		
Typical Expected Printhead Life	3 to 5 years		

\*Hardware configuration is different to the other print modes



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