



# 2.1" UV Curable Inkjet Solution

The high resolution iM2 printer provides a versatile, cost-effective solution to meet the need for variable data printing on a range of coated and uncoated substrates. Capable of printing addresses, barcodes, 2D codes, QR codes, numbering, logos and graphics, the iM2 is suitable for mailing and addressing applications, as well as labels, tickets, security, plastic cards and business form applications.

The very small footprint and modular design of the iM2 means that it is easily and quickly integrated into mailing lines, webs and card lines. With all the printer electronics and ink delivery systems built into the Printhead assembly, it is designed for maximum uptime.

## One print solution, multiple applications

### NUMBERING

Sequential numbers can be printed almost anywhere on a sheet or form and can be positioned horizontally or vertically. The iM2's high speed capabilities and crisp printing allow for perfect numbering in applications such as ticketing, lottery tickets and much more. At speeds in excess of 1000 feet per minute the iM2 is more than qualified to produce high efficiency prints.

### PHARMA

The high resolution iM2 printer provides a versatile, cost-effective solution to meet the need for variable data printing on a range of coated and uncoated substrates. Printing with UV curable inks, all marking is crystal clear, highly durable and permeant, ensuring that key codes are always presented perfectly every time, whether for aesthetic or regulatory reasons.

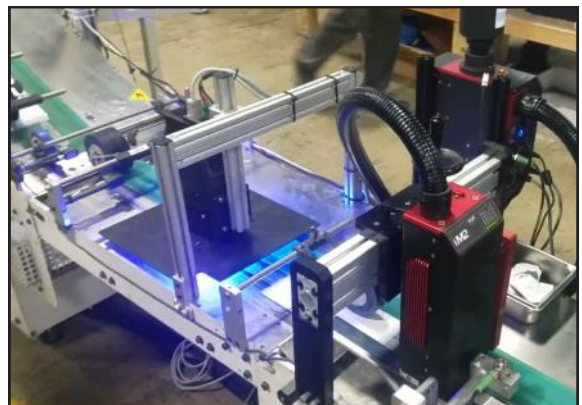


### CARD PRINTING

The iM2, with its 2.1" print width, is optimized for printing cards utilizing its multiple drop capabilities to get the very best quality together with solid durability. The combination of sophisticated hardware and software allow the user to print barcodes from light to heavy, meeting all of today's changing requirements.

### ADDRESSING

Reduced cost per mark, higher throughput and a wider variety of printable substrates give the IM2 print solutions a significant improvement over standard Thermal InkJet solutions in the Addressing marketplace. Matched with a proven I/O capability to control feeders, diverts, lamps and more, the iM2 is a solid performer.





**Power/Ink Empty LED**

Indicates system power (green) and ink empty (red)

**Ink Supply**

1 liter bottle, with non-spill cap

**Ethernet Port**

Communication port. TCP/IP  
1000BaseT

**RFID Reader**

**Power On/Off**

Soft on/off button

**Sensor**

12V PNP sensor signal

**Encoder**

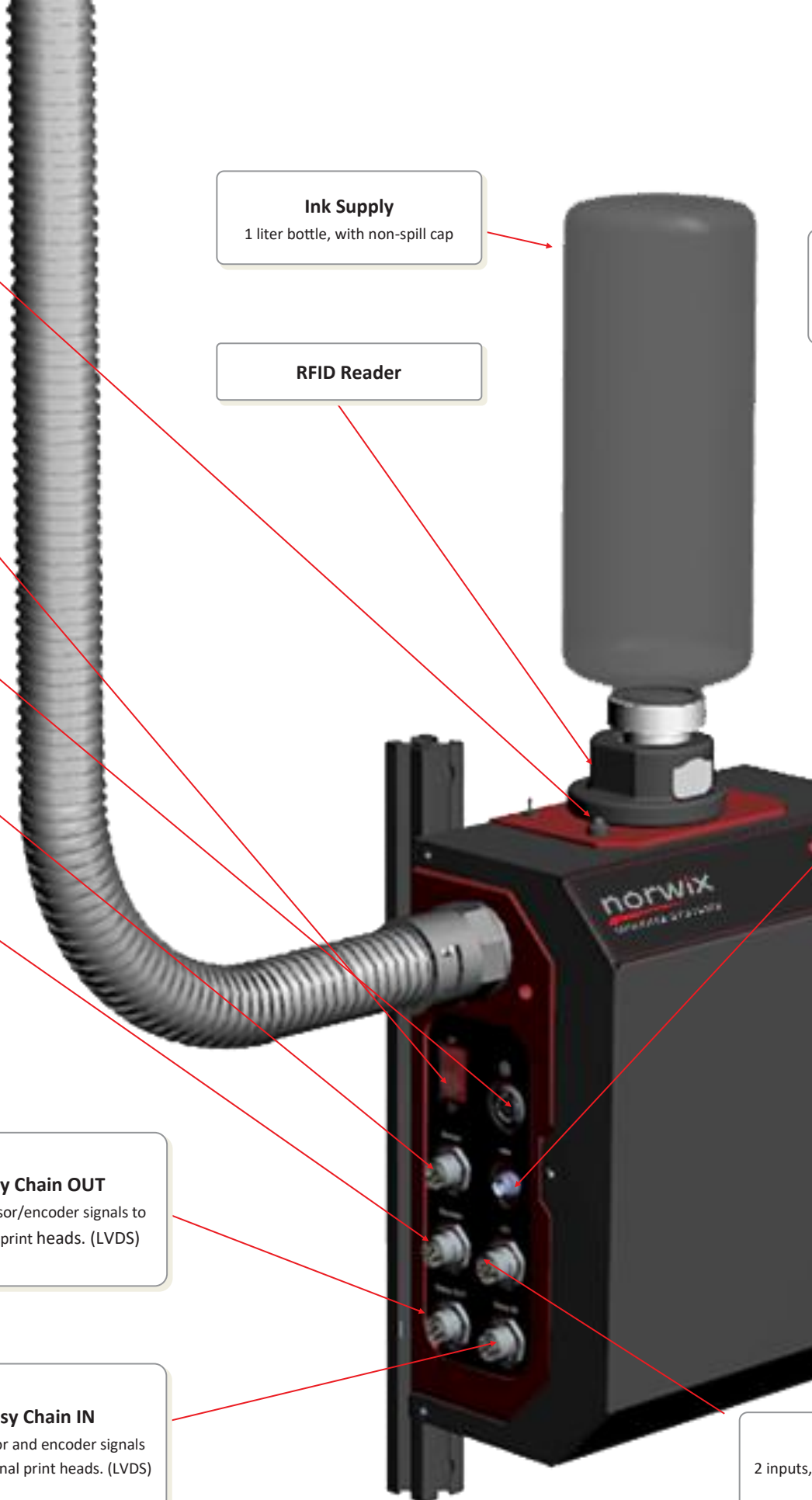
12V PNP, dual channel 300 ppi  
encoder

**Daisy Chain OUT**

Carries sensor/encoder signals to  
additional print heads. (LVDS)

**Daisy Chain IN**

Takes sensor and encoder signals  
from additional print heads. (LVDS)



2 inputs,



**6 foot Umbilical**

Carries ink, power and electrical signals

**Purge Button**

Used for purging of the print head



**Power Connector**

24VDC/90W, Power Supply input

**Status LEDs**

System, Print, Encoder/Sensor, Pump, Pressure and Temperature status



**2.1" Print Head**

**Capping Clip**

Quick Snap print head nozzle cover for physical and cure protection

**I/O Connector**

3 outputs, strobe enabled for drop analysis

# Groundbreaking Design

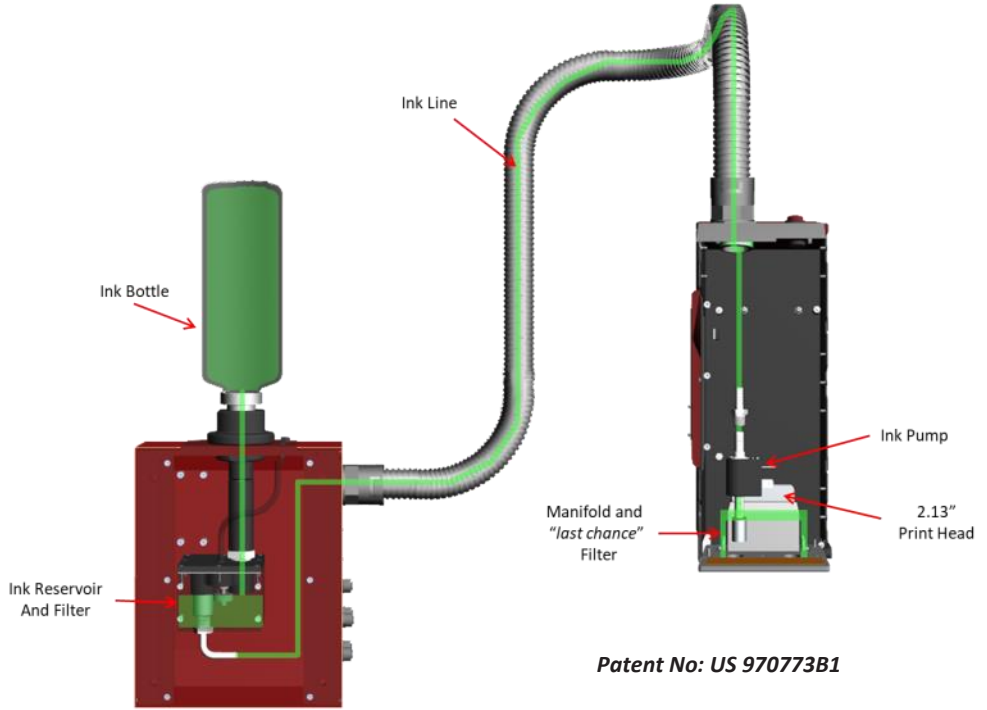
Simplicity is the key to the iM2 Design. From the Patented Ink Delivery system to the Electronics, Housing and interface connectors, the iM2 has been designed with ease of use in mind.

The iM2 uses a single pump and sensor to measure the ink pressure and to pump the ink directly from the supply to the print head as ink is being consumed while printing. Since there is no air reservoir for meniscus control there are no issues with ink flow, or flooding air sensors or valves (there are none).

With the head mounted directly to the manifold, the design greatly reduces the number of connections, tubes and failure points where leaks can occur.

The iM2 incorporates an integrated manifold heater that can preheat the ink before it reaches the head allowing the ink to flow better and operate much more reliably at higher speeds, resulting in less nozzle outs.

The head can be changed in the field without disassembling the ink delivery system and or any of the ink delivery connections. The system can be installed, primed and operational in less than 1 hour.



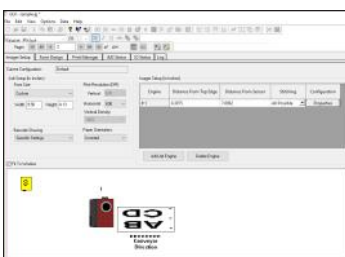
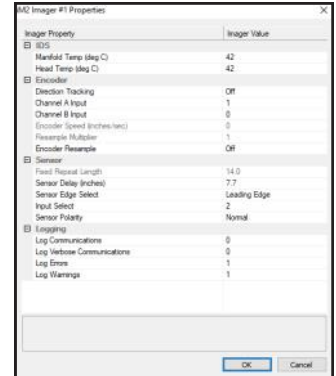
# Software that Delivers

The iM2 has multiple capabilities regarding software. It ships with a standard GUI based upon the proven Norwix software, or alternatively, it can be supplied with a set of tools to enable custom software development.

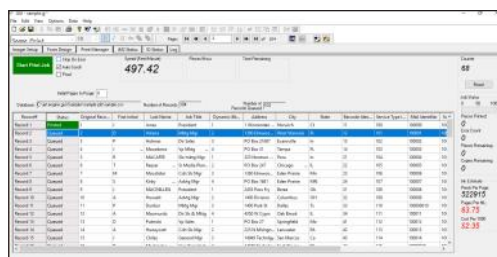
With the standard GUI, you can be up and running within minutes from design of the basic job template to hitting the Start button and being in production! Bring in databases and easily build a template that fully utilizes the power of dynamic text, bitmaps, counters and so much more. Insert Lot codes, expiry dates and any of over 100 different barcodes.

There are tens of thousands of solid high performing installations of this software installed globally, so there is never a fear of poorly developed software that doesn't have the flexibility and power you need. Proven over and over again to perform.

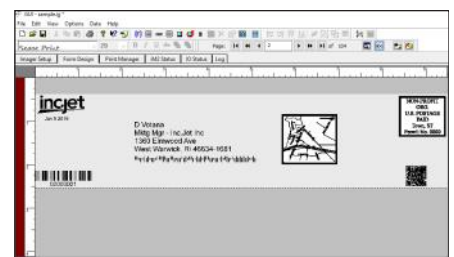
The software is a proven enterprise level solution that will help you monitor, manage and maximize your print stream. And what's more, its completely free with eternal updates!



Setup is Simple

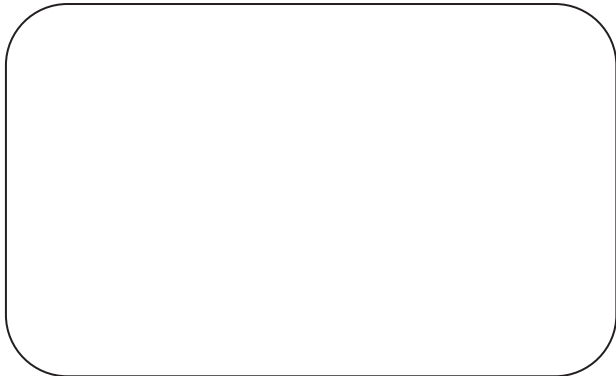


Run Screen with full database capability



WYSIWYG monitoring





**norwix**  
MARKING SYSTEMS