

# Different & Better!

It's different because it comes from DGI.

DGI is meeting the challenge of becoming the world's No. 1 supplier of commercial IJ printers. To do this, DGI products are simply better than any other manufacturer!

## OR-1806

### Technical Specification

<b>Print Speed</b>	Draft Mode: 30-35m <sup>2</sup> /hr(322.9-376.7ft <sup>2</sup> /hr) Production Mode: 13-17m <sup>2</sup> /hr(140-183ft <sup>2</sup> /hr) Quality Mode: 6-10m <sup>2</sup> /hr(64.6-107.6ft <sup>2</sup> /hr)
<b>Technology Resolution</b>	1,440dpi
<b>Max Print Width</b>	1,810mm(71.3") / PRINT MARGINS 5mm(0.2")
<b>Max Media Width</b>	1,830mm(72")
<b>Memory</b>	256MB
<b>Media</b>	Handling: Roll To Sheet Type: Vinyl, Banner Flex, Backlit Film etc. Thickness: 0.2mm - 0.6mm(0.01-0.02") Head Height: 2.0mm(0.1") Max Weight: 40kg(88.2lbs)
<b>Printing Technology</b>	No. of Print Head: 6 Technology: DOD Piezo electric inkjet head
<b>Ink Type</b>	Light Solvent Ink(C, M, Y, K, Lc, Lm)
<b>Heater</b>	Front Max 50°C(122°F) Platen Max 50°C(122°F) Rear Max 50°C(122°F)
<b>Interface</b>	TCP/IP
<b>Dimension</b>	Unrated: 3,030mm x 955mm x 1,235mm(119.3" x 37.6" x 48.6") Rated: 3,250mm x 1,120mm x 1,600mm(128" x 44.1" x 63")
<b>Weight</b>	395kg(869lbs)
<b>Environmental Ranges</b>	Recommended Temperature: 20-30°C(68-86°F) Recommended Humidity: 30-80%
<b>Power Requirements</b>	Single Phase 220V 10A
<b>Certification</b>	CE - FCC - ROHS - KCC

The above specification is subject to being changeable without prior notice for some improvement.

### RIP Software



DGI printers feature the world-class Wasatch SoftRIP software for optimal performance. With Wasatch SoftRIP, you can produce excellent color while saving time and money.

### Features of Wasatch SoftRIP

1. Excellent Digital Printing
2. Superior Color
3. Energize Your Workflow
4. Save Time and Money



Produce Vivid Natural Looking Color!

## ORIONJET OR-1806 High Resolution



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ISO 9001:14001 Certified

# DGI's Ideal Solution for High Quality Wide Format Printing

DGI, Korea's leading IJ printer manufacturer, is proud to introduce the OR-1806. The new OR-1806 was developed with real printing businesses in mind. It is a perfect blend of exceptional image quality, speed, and media compatibility. DGI's new OR-1806 exceeds the needs of even the most demanding expert.

<b>Speed</b> Production Mode <b>17m<sup>2</sup>/hr</b>	<b>Resolution</b> MAX <b>1,440dpi</b>	<b>Print Width</b> MAX <b>1.8m</b>	<b>Print Head</b> 6 color <b>6 head</b>
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## TECH 1

### Advanced "Drop Control Technology"

Improve color vividness with DGI's breakthrough "Drop Control Technology". Digital control of every printhead nozzle provides unparalleled drop accuracy creating a new standard in image quality.

## TECH 2

### Precision Take-up System

A newly developed take-up reel system provides greater stability during printing. More uniform media feeding results in higher image quality and trouble free unattended operation. It also makes loading new media a snap.

## TECH 3

### Automated Maintenance System

Our automated cleaning system prevents nozzle clogging which translates into longer print head life, better image quality and reliable unattended operation.



High Resolution  
**OR-1806**

● FRONT ○ REAR

## GENERAL FEATURES

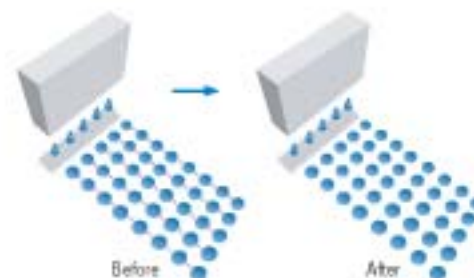
### Print Speed

Productivity is increased with Konica printheads. Prints up to 35 m<sup>2</sup> per hour in draft mode.



### Drop Control Technology

- DGI's revolutionary Drop Control Technology  
- DCT controls drop shape and prevents satellites for more vivid colors and extraordinary detail



## CONVENIENT DEVICES



### One Touch Auto Capping System

- Easy to use One-touch system makes printhead maintenance simple  
- Stable printheads mean more reliable printing, higher quality prints and reduced down time



### Auto Cleaning System

This automatic dual action system uses suction while it purges the ink to keep your printer working at peak performance



### Precision Take-up System

Uniform media feeding is critical to high quality ink jet printing. This media handling system also includes a media guide and convenient one person media loading