



# TrueVIS VF2-640



Specifications		
Printing method	Piezo ink-jet method	
Media	Width	259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner
	Roll outer diameter	Max. 210 mm (8.3 in.)
	Roll weight	Max. 40 kg (88 lb.)
	Core diameter <sup>*1</sup>	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing width <sup>*2</sup>	Max. 1,615 mm (63.6 in.)	
Ink	Type	TrueVIS INK 500 ml pouch (only white 250 ml)
	Colors	Eight colors (cyan, magenta, yellow, black, light black, orange, green, and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and orange) Seven colors (cyan, magenta, yellow, black, light black, orange, and green) Four colors (cyan, magenta, yellow, and black)
Printing resolution (dots per inch)	Max. 1,200 dpi	
Distance accuracy <sup>*3</sup>	Error of less than ±0.3% of distance traveled or ±0.3 mm (±11.8 mil), whichever is greater	
Media heating system <sup>*4</sup>	Print heater set temperature: 30 to 45°C (86 to 112°F) Dryer set temperature: 30 to 50°C (86 to 122°F)	
Connectivity	Ethernet (100BASE-TX/1000BASE-T, automatic switching)	
Power-saving function	Automatic sleep feature	
Power requirements	AC 100 to 120 V ±10%, 8.0 A, 50/60 Hz or AC 220 to 240 V ±10%, 4.1 A, 50/60 Hz	
Power consumption	During operation	Approx. 1,090 W
	Sleep mode	40 W
Acoustic noise level	During operation	63 dB (A) or less
	During standby	53 dB (A) or less
Dimensions (with stand)	2,945 (W) × 730 (D) × 1,310 (H) mm (116 [W] × 28.8 [D] × 51.6 [H] in.)	
Weight (with stand)	200 kg (440.9 lb.)	
Environment	During operation	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80%RH (no condensation)
	Not operating	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (no condensation)
Included items	Dedicated stands, power cord, media holders, replacement blade for separating knife, cleaning liquid, drain bottle, User's Manual, etc.	

<sup>\*1</sup> The media holders of this machine are designed to be used exclusively with media that has a paper tube (core) with an inner diameter of 3 inches. To use 2-inch media, the optional media flanges are required. <sup>\*2</sup> The length of printing is subject to the limitations of the application software. <sup>\*3</sup> Media type: Media specified by Roland DG Corporation. • Temperature: 25°C (77°F), humidity: 50%RH • Roll media must be loaded correctly. • Excluding expansion/contraction of the media. • Not assured when the print heater or dryer is used. • Assumes all correction and adjustment functions of the machine have been used properly. • Print travel: 1 m (39.4 in.) <sup>\*4</sup> Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment. • Depending on the ambient temperature and the media width, the set temperature may not be reached.

VersaWorks 6 System Requirements	
Operating system	Windows® 10 (32/64-bit), Windows® 8.1 (32/64-bit), Windows® 7 Ultimate / Professional (32/64-bit)
CPU	Intel® Core™2 Duo, 2.0 GHz or faster recommended
RAM	2 GB or more recommended
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive
Other	Internet connection recommended

Options		
TrueVIS INK	TR2-CY	Cyan, 500 ml
	TR2-MG	Magenta, 500 ml
	TR2-YE	Yellow, 500 ml
	TR2-BK	Black, 500 ml
	TR2-LC	Light cyan, 500 ml
	TR2-LM	Light magenta, 500 ml
	TR2-LK	Light black, 500 ml
	TR2-OR	Orange, 500 ml
	TR2-GR	Green, 500 ml
TR2-WH	White, 250 ml	
Cleaning liquid	TR2-CL	Cleaning liquid, 500 ml

Options	
Automated take-up system	Heater and blower



TU4-64

\* Rolls up to 40 kg (88.2 lb.)



DU2-64

Power requirements  
AC 100 to 120 V ±10%, 5.5 A, 50/60 Hz  
AC 220 to 240 V ±10%, 3 A, 50/60 Hz  
<sup>\*1</sup> It is recommended to use heater and blower especially for printing with white.

## Efficient Printing and Cutting Workflow

For superior reliability, the VF2-640 is fully compatible when paired with Roland DG cutting devices, and print/cut data can be handled by VersaWorks 6 for efficient production of stickers and labels.

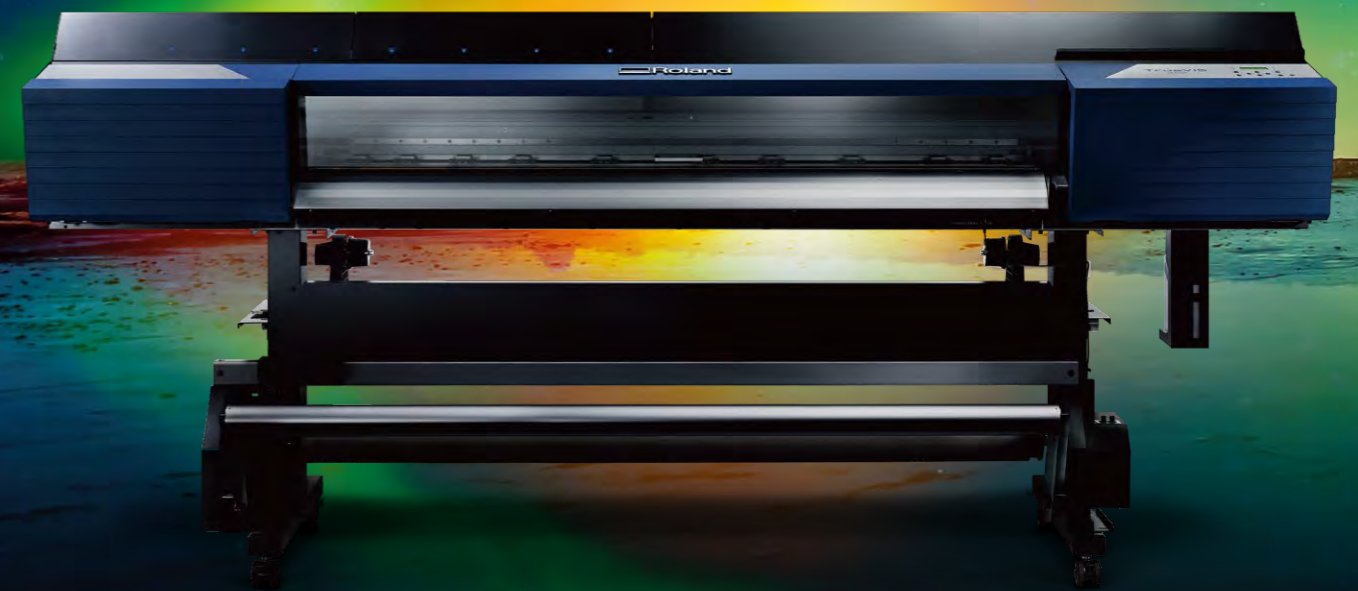
CAMM-1  
GR-640



**About White Ink** Due to the nature of white ink, the pigment in this ink will settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use. Outdoor durability is three years for CMYKLMkOrGr inks, and one year for white ink, depending on the media used.

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# THE POWER TO EXCITE



# TrueVIS

## VF2-640



# Explore Uncharted Colors

Before developing out latest TrueVIS with the goal of exciting hearts and minds, we researched the ideal performance required for sign and graphics production. The result of our efforts is a brilliant combination of super vibrant TR2 ink with new Green and Orange and the "True Rich Color" preset that maximizes the potential of both printer and ink and enables you to explore uncharted colors for unprecedented gamut expansion, superior color accuracy, and the unique ability to achieve both vividness and natural reproduction at the same time.

The TrueVIS VF2-640 is the only printer that can offer the extraordinary Power to Excite.

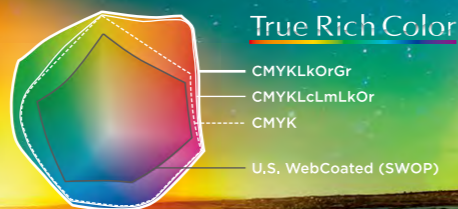
## TrueVIS VF2-640

### New TrueVIS TR2 Ink for Vibrant Color

In addition to CMYK, Lc, Lm, Lk and White, new TR2 ink is now available in Orange and Green to further increase color gamut. Orange in general adds high visibility and impact to printed graphics and offers a warm and welcoming glow with positive emotions, while green adds natural comfort and relaxed confidence for smooth communications. To maximize the effect of these new color inks, a new Multi-Process Color Function has been developed to enable using Orange and Green inks as process colors for richer visual expression.

### Enhance your Business with "True Rich Color"

In order to take full advantage of the VF2-640 superior color reproduction capability and the wider color gamut provided by new TR2 ink, we developed a new True Rich Color preset. Now vibrant color can be combined with neutral grays, smooth gradations and natural skin tones to create stunning graphics. This pioneering print quality is unequalled for durable graphics.



### Easily Handle Short Turn-Around Orders

#### FlexFire Printheads

Roland DG FlexFire printheads maximize printing performance so that even the highest speed setting delivers neutral grays, vivid colors, and smooth skin tones.



#### Two Take-up Modes

A new take-up unit supports two modes according to the type of media chosen, securing take-up stability for smooth post processing.



#### Nozzle-Mask Function

A Nozzle Mask function allows you to continue printing even when a nozzle is clogged with ink.



#### New Media Clamp

A new media clamp allows sheet cutting without removal.

### Smarter, More Seamless Operation

To enhance user experience and streamline the entire printing operation, we fine-tuned the VF2-640's design, job sequences, software functions, operation panel and maintenance procedures. In addition to the built-in control panel, the Roland DG Mobile Panel 2 lets you perform control panel functions, including test printing and cleaning, while checking the user manual from your smartphone or tablet using a Bluetooth connection.



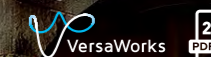
### Reliability, Durability and Safety

The VF2-640 with new TR2 ink is certified for long-lasting results by 3M™ MCS™ Warranty, providing your customers with the assurance of the quality and reliability of their graphics. It is also certified by the Avery ICS Performance Guarantee which provides protection for up to 4 years outdoors and up to 7 years indoors. In addition, the VF2-640 with TR2 ink is certified GREENGUARD Gold for safe indoor graphic applications.



### VersaWorks 6 to Accelerate your Printing Business

The new VersaWorks 6 bundled RIP software is designed to simplify operation while maximizing the power of your VF2-640 and other Roland DG devices. Features include:



- A Harlequin RIP dual-core engine with support for PDF 2.0 and native 64-bit processing provides accurate rendering of PDFs with shadows and transparencies
- Five print queues and the ability to save and store unlimited queue settings
- Special Color Plate Generation lets you auto-generate White ink layers
- Newly developed Job Assistant function can layout and edit required cutting lines in VersaWorks 6
- Built-in Pantone® and Roland Color spot color libraries
- Color matching function to easily match colors between VF2-640 printers as well as TrueVIS series VG2-640/540 printer/cutters when the same ink types are used. Also allows easy correction of color differences caused by aging printers or replacement print heads as well.

### Quick and Easy Spot Color Matching

Standard colors such as Pantone® or DIC can be quickly matched with accurate results using the Roland Color System Library. With approximately 260 new spot color references for Orange to Red areas and Blue to Green areas now available, specific targets which had been regarded as unreachable or difficult to match can now be easily achieved.



#### 5 Ink Configurations

- 8 Colors : CMYK, Lc, Lm, Lk, Or, Wh
- 7 Colors : CMYK, Lc, Lm, Lk, Or
- 8 Colors : CMYK, Lc, Lm, Lk, Wh
- 4 Colors : Dual CMYK
- 8 Colors : CMYK, Lc, Lm, Lk, Or