

DRIVE YOUR TRAFFIC SIGNAGE BUSINESSES



Colorado M-Traffic

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Put your traffic signage production in high gear with the **Colorado M-Traffic** printer and our **UVgel 540-R inks**.

You can produce a wide range of signage quickly and efficiently, from custom to standard applications, from regulated to non-regulated signage, from roadside safety to tourism signage applications.

The Colorado M-Traffic is based on the proven Colorado M-series, a 1.6m (64-inch) roll-to-roll platform powered by our unique UVgel technology.





Colorado M-Traffic

DRIVE YOUR PERFORMANCE

With the Colorado M-Traffic, you are ready to meet today's regulatory requirements and future standards. When combined with 3M-approved reflective media and applied according to 3M guidelines, signs produced on the Colorado M-Traffic can meet ASTM D4956 and EN12899-1:2007, AS/NZS 1906.1 specifications for applicable classes.

- Eligible signage may qualify for warranties of up to 12 years with the 3M™ MCS™ Warranty for Traffic*
- Deliver rock-solid UVgel quality with robust, light-fast and scratch-resistant prints
- Achieve consistent output, from job to job and year to year, with high uptime

DRIVE YOUR PRODUCTIVITY

The Colorado M-Traffic is designed for high-production, helping you take on more jobs while meeting demanding turnaround times. In the Traffic Signage mode, it produces up to 15.3 m²/hr (165 ft²/hr) on 122 cm (48 inch) wide media. This performance enables you to produce regulated traffic signage quickly and reliably, supporting consistent quality across every print run.

Your signage production benefits from:

- Quick start-up time and instant-dry output for faster turnaround
- High throughput to support demanding production schedules
- Extended printing capabilities for over night printing runs

The Colorado M-Traffic supports automated roll switching and nozzle diagnostics for reliable performance during long print jobs. For best results, we recommend periodic operator checks in line with safety and maintenance guidelines.

DRIVE YOUR BUSINESS

The Colorado M-Traffic helps maximise productivity and minimise maintenance time. That can make it a smart financial investment for overall Total Cost of Ownership (TCO) per square metre.

DRIVE YOUR SUPPORT

The Colorado M-Traffic is designed for effortless, worry-free operation and backed by Canon's premium service and support.

DRIVE YOUR SUSTAINABILITY

The Colorado M-Traffic is designed to support your sustainability goals and those of your customers. Energy consumption is optimized for efficiency compared to conventional technologies, helping reduce operating costs while minimizing environmental impact. Its low-emission UVgel process further contributes to a cleaner production environment.

HASSLE-FREE OPERATION

Colorado proCARE⁺ is your choice for 100% cost predictability. Clear terms and conditions. No hidden costs! You can maximise uptime, secure your investment and focus on boosting your signage business.

LOW MAINTENANCE FOR THE OPERATOR

Our in-house-developed UVgel 425 printheads bring next-level speed and reliability to your signage printing. They're supported by automated maintenance features in the Colorado M-Traffic that keep ink and nozzles ready to print all day, every day.

Our patented Piezo Acoustic Integrated Nozzle Technology (PAINT) continuously diagnoses and corrects nozzles, reducing maintenance, waste and print failures while supporting consistent print quality.

UVGEL TECHNOLOGY

The Colorado M-Traffic is powered by our unique UVgel technology. The gel composition solves many of the problems associated with traditional ink technologies, such as long drying times, colour inaccuracy, colour inconsistency and odours during operations.

The dedicated UVgel 540-R ink, developed to meet the industry standards uses only four colours (CMYK) and can print all regulated and non-regulated traffic signage. It also supports instant lamination after printing and a simplified maintenance process.

* The 3M™ MCS™ Warranty for traffic backs regulated traffic signs printed with 3M approved UVgel 540-R ink and select 3M media, printed and applied according to 3M product and information folders.

Colorado M-Traffic

Technical specifications Metric & Imperial



Printing	
Printing method	UVgel piezoelectric inkjet
PRINTING MODES	3M Traffic Matte Specialty 15.3 m ² /hr (165 ft ² /hr) ¹
PRINT RESOLUTION	Up to 1,800 dpi
INK TYPES	Canon UVgel 540-R ink
INK COLOR	CMYK
INK PACKAGING	
2 x 1 litre ink bottle	●
Ink reservoir per ink color	2.1 litre
Refill while printing	●
PRINTHEAD	
UVgel 425	4
High frequency drop-on-demand piezo-electric printhead	●
PAINT (Piezo Acoustic Integrated Nozzle Technology)	●
Automatic maintenance	●
Curing	UV LED
Media	
Roll width	Up to 1,625 mm (64")
Print margin	10 mm (0.39")
Roll weight	Up to 50 kg (110 lbs)
Roll diameter	Up to 220 mm (8.7")
Media thickness	Up to 1.6 mm (0.06")
MEDIA INPUT	
1 roll	●
2 rolls (automatic roll-feeding and -switching depending on media)	●
UVGEL TECHNOLOGY	
Meet all the regulated traffic colours	●
Low temperature curing	●
Outstanding scratch resistance	●
Easy lamination, smooth ink film	●
High precision colour-matching and consistency	●
Odourless and instant dry printout	●
Certifications	
Traffic Signs	Complies with ASTM D4956, EN12899-1:2007 and AS/NZS 1906. 1:2017 regulations for traffic signs Demonstrated by independent testing with European Technical Assessment ETA
Media	Produce signs with warranties up to 12 years with the 3M™ MCS™ Warranty for traffic
Environmental and safe use	Indoor AgBB, GREENGUARD Gold, CE EN 15102 (decorative wall coverings) ASTM F793 Type II, M1, B-sld0, Émissions dans l'air intérieur A+

● Standard ○ Optional

Colorado M-Traffic

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Interface	Ethernet (100/1,000 Mbit/s)
Dimensions	
Printer W x D x H	3,020 x 1,095 x 1,300 mm (119 x 43 x 52")
Floor space requirements (W x D x H)	4,655 x 2,707 x 1,884 mm (184 x 107 x 75")
Weight	
Printer	750 kg (1,653 lbs)
Working environment	
Operation printer	18 - 30°C (recommended 20 – 27°C) (64 - 86°F (recommended 68 – 81°F))
	20 - 80% RH (no condensation)
Power	
Off	0 W
Standby	250 W
Ready	1,350 W
Printing	2,000 W
Consumption	2 inputs, each 200-240V +/- 10%
	50/60 Hz, 16/6 A.
Source	Printer is declared under Radio Equipment Directive (RED)- 2014/53/EU
Regulatory certification	
Declaration of conformity	Compliant with EN62479, EN301 489-1, EN301 489-3, EN300-330
	FCC Part 15 and RSS-210 certified (module)
Radio	IEC/EN/UL/CSA 62368-1 compliant Applicable marks: CE, TÜV-GS, C-UL-US, RCM
Safety	Emission: Class A compliant according CISPR 32, FCC part 15 and ICES-003 Immunity: CISPR 35 compliant
	Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM
EMC	
Environmental	WEEE, RoHS directive 2011/65/EU, REACH, CE
Software	
Factory supported RIPS	SAi FlexiCOMPLETE Authorized 3M Traffic Edition
PRISMA remote app	●
PRISMAservice	●
Warranty programme³	
Printer: 2 years	●
Printhead: 2 years or 20,000 sqm, whichever comes first ²	●
Service programme³	
proCARE+ 5-year full service incl. printheads ⁴	○

1 Print speed based on Traffic Signage media width.

2 Repair or replacement of an item does not extend the warranty period of the item repaired or replaced.

3 Please be aware that there might be regional distinctions in Warranty and Service programmes.

4 Includes accidental damage coverage, allowed carry-over up to two replacements in the next year.

● Standard ○ Optional

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References to 3M products in this publication indicate recommended products that have been tested for compliance with the 3M™ MCS™ Warranty for Traffic when used according to 3M's specifications. The cooperation with 3M and SAI International described herein does not imply exclusivity or a legal partnership beyond the stated project scope. Warranty coverage applies only under the conditions specified by 3M.

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