

Datasheet

Smart Medium Messenger

Key Benefits:

- **High Resolution:** Full-colour RGB matrix.
- **Impactful Size:** Ideal for urban environments.
- **Solar-Power:** Access up to 24/7/365 run-time.
- **Easily Deployable:** Single person operation and setup.
- **Speed Safety:** Integrated radar technology detects and records vehicle speed.
- **Easy Accessible Data Insights:** Managed via MyCity / Zephyr Software.
- **Anti-glare LEDs:** Individual lenses reduce reflections.
- **Reduced Energy Consumption:** High-efficiency LEDs.
- **Enhanced Security:** Padlocks included as standard.

Functionality at a glance:

VMS datasets can help users to identify:

- **Traffic Speed Trends:** By analysing speed distribution over time, we can determine peak speeding hours and average speeds.
- **Speeding Hotspots:** If certain speed ranges have a high count, local authorities can focus enforcement efforts.
- **Effectiveness of Speed Control Measures:** Comparing speed data before and after implementing traffic calming measures.

Applications:

Perfect for monitoring speeding in high-risk environments while simultaneously displaying speed advisory messages.

Suitable for work zones and secure compounds to track vehicle speeds.

Compliance:

- TOPAS 2516D
- CE Certified EN 12966
- DVSA UK Trailer Type Approval

TOPAS
Traffic Open Products and Specifications

For more information about Variable Message Signs,
Visit **srl.co.uk** or call us on **0808 2818 775.**

PHYSICAL APPEARANCE		
Transport Height	2328mm	
Deployed Height	3319mm	
Width	1716mm	
Weight	486kg (exc. batteries)	750kg (inc. batteries)
Deployment	Single-person	
Trailer	Removeable tow-bar to reduce footprint	
Stability Legs	Adjustable jack spindle legs	
Security	Four padlocks fitted as standard. Wraparound locks available as optional upgrade	

SIGN	
Screen Size	960mm (H) x 1600mm (W) x 150mm (D)
Matrix	80px x 48px
Pixel Pitch	20mm
Full Colour Display	Yes
Speed Activated Messaging	Yes
Driver Feedback Messaging	Yes
Highway Compliance	Up to 4 lines of text, Up to 11 characters per line
Event & Advertising Use	Up to 6 lines of text, Up to 14 characters per line
Image Display	Yes
Rotation	360° for display at any angle

POWER	
Battery Type	AGM
Run Time	Up to 24/7/35 in optimal conditions
Battery Capacity	100 Ah (AGM) / per battery
No. of Batteries	8
Charge Time	8 hours
SRL Solar PLUS Compatible	Yes
Operating Voltage	12v
Operating Power	Dependent on message displayed

COMMUNICATION	
Detection Technology	Built in doplar radar
System Range	200m
Connectivity	4G roaming multi-network SIM via integrated router (EE, 3, O2 & VODA) *Optional tablet control via WiFi
Messaging Software	MyCity or Zephyr

SERVICE INFORMATION

Our dedicated VMS team offer continuous and on-going technical and business support. This includes support cover planning, placement, location mapping, messaging design guidance and optimal deployment weather suggestions.

FULLY CONFORMS TO TOPAS 2516D

RADAR TECHNOLOGY

Records Vehicle Speeds: Data logged in 15-minute intervals.

Speed Categorisation: E.g. 5-10kph, 10-15 kph, etc.

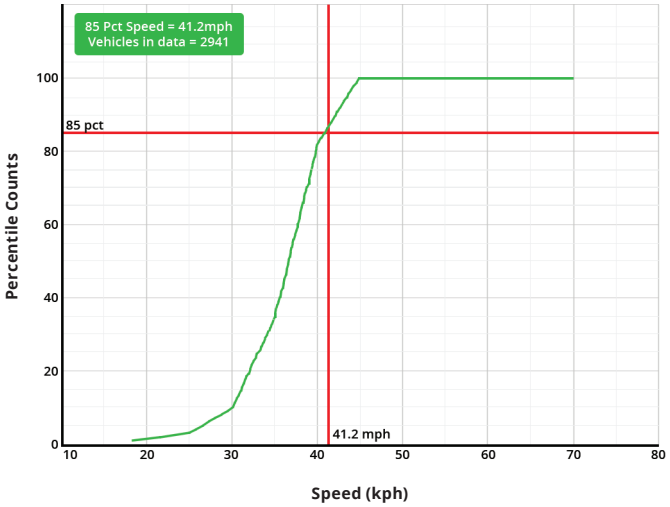
Remote & Direct Access:
Download raw data remotely.
For more comprehensive data, connect directly the the VMS via cable.

Advanced Detection:
Portable VMS captures the fastest vehicle in close-proximity traffic.

(Note: Limitations in multi-lane environments**).**

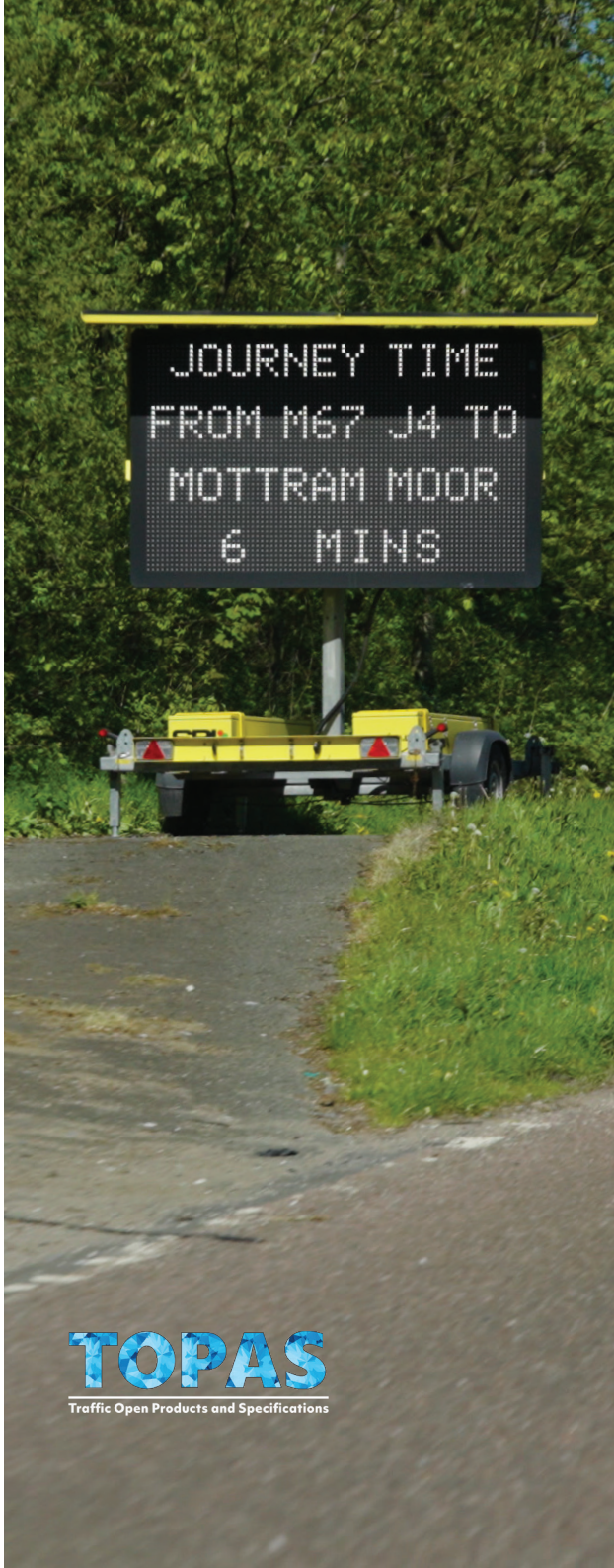
EXAMPLE: SPEED DATA

Example dataset demonstrating average vehicle speeds in 30mph zone.



For more information about Variable Message Signs, Visit **srl.co.uk** or call us on **0808 2818 775.**

Scan the QR Code for more product details.



TOPAS
Traffic Open Products and Specifications