



# 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.

For more information about Variable Message Signs,  
Visit [srl.co.uk](http://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
Security	Four integrated bullet locks
Trailer	Removeable tow-bar to reduce footprint
Stability Legs	Adjustable jack spindle legs
Security	Four padlocks as standard. Wraparound locks available as optional upgrade.

SIGN	
Screen Size	640mm (H) x 640mm (W) x 150mm (D)
Matrix	32px x 32px
Pixel Pitch	20mm
Full Colour Display	Yes
Speed Activated Messaging	Yes
Driver Feedback Messaging	Yes
Highway Compliance	Up to 3 lines of text, Up to 4 characters per line
Event & Advertising Use	Up to 4 lines of text, Up to 5 characters per line
Image Display	Yes

## 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



Traffic Open Products and Specifications



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**



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Scan the QR Code for more product details.

**RADAR TECHNOLOGY**

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

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

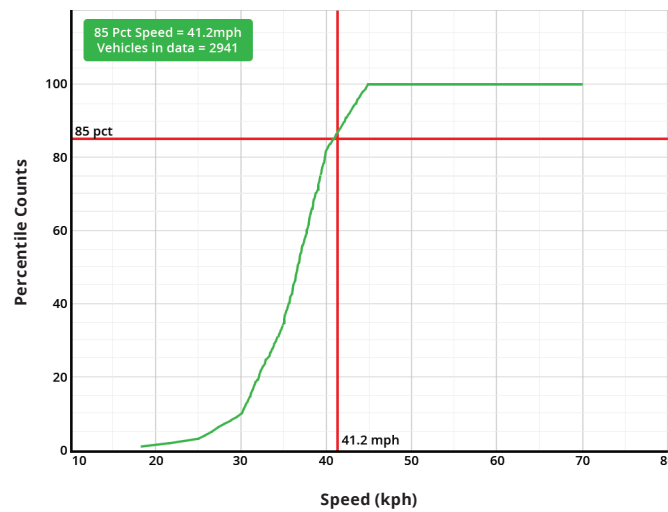
**Remote & Direct Access:**  
Download raw data remotely.  
For more comprehensive data, connect directly the the VMS via cable.

**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.



**TOPAS**  
Traffic Open Products and Specifications