



Datasheet

Smart High Speed Messenger



Key Benefits:

- **High Resolution:** Full-colour RGB matrix.
- **Long-Life:** Estimated LED life of more than 15 years.
- **Easy Accessible Data Insights:** Managed via MyCity or Zephyr Software.
- **Speed Safety:** Integrated radar technology detects and records vehicle speed.
- **Live Journey Times:** Display real-time travel data (eg. 10 mins until Jnc. 7).
- **Anti-glare LEDs:** Individual lenses reduce reflections.
- **Reduced Energy Consumption:** High-efficiency LEDs.
- **Enhanced Security:** Padlocks included as standard.
- **Solar-Power:** Access up to 24/7/365 run-time.

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 srltraffic.ie or call us on **01-5384971**.

Applications:

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

Compliance:

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



PHYSICAL APPEARANCE	
Transport Height	2415mm
Deployed Height	4400mm
Width	2245mm
Weight	1004kg (exc. batteries) 1400kg (inc. batteries)
Deployment	Can be towed into place or deployed by SRL's in-house HIAB lorry
Security	Four integrated bullet locks
Trailer	Extendable outriggers to increase stability
Stability Legs	Adjustable jack spindle legs
Security	Six padlocks as standard. Wraparound locks available as optional upgrade.

SIGN	
Screen Size	1440mm (H) x 2400mm (W) x 150mm (D)
Matrix	80px x 48px
Pixel Pitch	30mm
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



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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.

