



Datasheet

Smart Portable Messenger

Key Benefits:

- **High Resolution:** Full-colour RGB matrix.
- **Speed Safety:** Integrated radar technology detects and records vehicle speed.
- **Solar-Power Option:** Add SRL Solar PLUS for a minimum one month run-time.
- **Easily Deployable:** Single-person operation and setup.
- **Compact Design:** Ideal for limited spaces.
- **Easy Accessible Data Insights:** Managed via MyCity Software.
- **Anti-glare LEDs:** Individual lenses reduce reflections.
- **Reduced Energy Consumption:** High-efficiency LEDs.
- **Enhanced Security:** Four bullet locks as standard.

Functionality at a glance:

Portable 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 or call us on **0808 2818 775**.

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



PHYSICAL APPEARANCE	
Height	2270mm
Box Dimensions	860mm (H) x 700mm (W) x 920mm (D)
Overall Dimensions	2270mm (H) x 700mm (W) x 920mm (D)
Weight	105kg (exc. batteries) 204kg (inc. batteries)
Deployment	Single-person with plug-in handle
Security	Four integrated bullet locks

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

POWER	
Battery Type	AGM
Run Time	4 weeks minimum (with SRL Solar PLUS)
Battery Capacity	100 Ah (AGM) / per battery
No. of Batteries	5
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)
Messaging Software	MyCity/ Zephyr

SOLAR TECHNOLOGY	
SRL Solar PLUS Power	50w
Intergrated MPPT (Maximum Power Point Tracking) Charge Controller	Yes
Cell Technology	Monocrystalline silicon
Conversion of Sunlight	24%
Safety Class	A

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.



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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.

