

LDC - TMS 1106

LDC - TMS 1106 Vehicle Mounted Variable Message Sign

UNIQUE FEATURES

Low Total Cost of Ownership - The signs are designed for lowest total cost of ownership, no battery liquids to refill or hydraulics to maintain. Signs are constructed from small, inexpensive, easy to replace parts.

Dual Circuit Pixels - Each Pixel is made from 2 circuits providing redundancy. If an LED fails or is damaged, the message remains readable.

Bus Bar Connection System - Internal Wiring is minimised, enhancing reliability and simplifying service procedures. The sign is constructed from individual small LED sections that operate independently. If one section fails the remainder continue to operate normally.

Small LED Panels - Easier to Service Low Cost Replacement Modules.

Cab Mounted Controller - Cab mounted, for ease of operation. Driver can safely program sign before leaving the vehicle. Preview Screen on hand control shows a precise representation of what will appear on the sign.



Cab Mounted Controller
No Laptop Computer Required

Temperature Compensated Battery Charging - Prevents Overcharging and allows 5+ years estimated Battery Life.



High Quality Gel Batteries
No Maintenance, Refilling or Liquid Acids

OPTIONS

Radar Speed Detection - Warns drivers of excessive speed, can display speed or warning messages. Enhancing work site safety.

Wireless Modem - Allows for remote and SMS programming, control and status reporting.

Amber LED Beacons - activate automatically when sign is turned on.

STANDARD FEATURES

- Auto Brightness - The sign automatically adjusts the LED brightness to suit ambient light.
- 3 Lines of 7 Characters @ 350 mm
- Display Area 1672 mm x 1200 mm
Enclosure Size 1750 mm x 1270 mm
- Solar Powered with Intelligent Charging
- Gel Batteries which require zero maintenance
- No Hydraulics or Actuators to malfunction
- Cab Mounted Controller with preview screen
- 4.5 mm Polycarbonate Matt Screen
- Uses standard padlocks for all security features
- Lockable battery box for added security
- LED's have a 50,000+ hour life expectancy

Matrix Resolution	88 x 24 (44 x 24 redundant) full matrix text + graphics	
Redundant Pixels	Yes	
Matrix Pitch	38 mm x 50mm	
LEDs per pixel	4 (2 X 2 redundant)	
Display Area	1672 x 1200 mm	
Enclosure Size	1750 x 1270 mm	
Viewing Angle (Horizontal)	30 degrees	
3 line character height	350 mm	
Characters per line	7 Normal, Up to 18 non redundant with special font	
Characters per line redundant	7 Normal, Up to 9 with narrow font	
Power Consumption 100% 1512 LEDs LIT	50 Watts	
Power Efficiency	85% Approximate	
Cooling	Passive (solid state)	
Moving Parts in sign	Nil	
Batteries	Two 180AH gel batteries (no maintenance or liquid acids)	
Solar power regulated	Yes	
Photo cells	Two (front and rear of sign)	
In cab programmer with Preview Screen	Yes	
SMS programming	Optional	
Sign status reporting by SMS	Optional	
Radar	Optional	

All LDC - VMS units have been designed for low total ownership costs and require only periodic cleaning of external surfaces to prevent dirt and dust buildup. All electronic systems are solid state and have been designed for maximum service life.