



**Rocket Science
Technologies**



Picture for reference only, subject to actual product.

SpeedVue VASD

Vehicle Actuated Speed Display

Data Sheet - v1.0 - 2025

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SpeedVue VASD is an intrinsic sub-system of the Advanced Traffic Management Solution. Complemented by Radar, VASD are installed to warn road users of over speeding thereby acting as a deterrent and also as a calming device. They also have the capability to relay real time data for subsequent analysis in the ATMS Control Centre

Key Features

- The speed display provides textual and/or graphical warning/speed data to the vehicles exceeding the pre-set speed limit
- It is designed to perform during day and night as well as in adverse weather conditions
- It adjusts the display intensity (brightness) automatically to suit the ambient light conditions
- The design is modular and ensures ease of maintenance. Rated at IP67 (front) and naturally ventilated (at the rear)
- The display is formed using individual LED Modules which may be P6/P10 as per requirement. The sizes are customizable vis. 768x768mm, 1000x1000mm. Material MS, Aluminum 2.0T, SS 304. For a P6 based display, 4 (h) x 4 (w) matrix is designed. The outer dimensions of the Enclosure shall be 950 (h) x 850 (w). 'YOUR SPEED', blue letters on white background, as per IRC Guidelines Part XI, shall be prominently displayed on the fascia.
- The LED cluster consists of LEDs rated for out-door use, with a scanning/multiplexing ratio of 1/8 it provides superior clarity
- The communication is over an Ethernet TCP/IP
- The Display Speed range can be in 2 or 3 Digits as per the site requirement
- The Displays support RGB colors wherein the speed shall be displayed in green color if the speed is within the permissible limit for the vehicle class, orange color if the speed is matching the permissible limit and red color if the speed exceeds the permissible limit. Different customizations are fully supported.

** Product information is subject to change without prior notice.*

Technical Specifications

LED Module	P6/P10
Scanning rate	1/8
LED	Truecolor, RGB, SMD/DIP

IP Rating	IP55, IP67 Front, Rear IP55 Natural Ventilated
Luminous Intensity	>7500 mcd
Communication	Ethernet TCP/IP
Response time	Less than <10 milliseconds
Input Power	175 – 240 VAC 50Hz
Operating Temperature	-10°C to 55°C
Humidity	0 – 95% non-condensing
Display Size per Character	12/15 in x 8 in
Viewing Angle	120 °
Power Feed	Solar charged battery backup, configurable
Mounting Arrangement	As per Gantry Design
Color Wavelength	Red (625), Amber (590), Green (525)

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