

Posted Speed Limit - VATCS



SOLAR or AC POWERED

ADVISORY CATEGORY OF SIGN FOR **EDUCATION** OF DRIVER TOWARDS IMPROVED POSTED SPEED LIMIT ADHERANCE

VAMP TIMER **AUTO ADJUST** FOR DAYLIGHT SAVINGS

PIXELATED LED DISPLAY COMPLIANT AND INCLUDING MOST **MUTCD SIGN DIAGRAMS**.

BLUETOOTH WIRELESS DATA-LOGGING SPEED ANALYSIS

FCC COMPLIANT SI-3 INTEGRATED RADAR TECHNOLOGY

ALUMINIUM LIGHTWEIGHT ROBUST ENCLOSURES



MODULAR DESIGN FOR EASY INSTALL, SET UP/SERVICE

HIGH INTENSITY LED DISPLAY **VISIBLE IN ALL AMBIENT LIGHT CONDITIONS** WITH AUTO LUMINOSITY CONTROL

SIGN DESIGN SPECIFICATION (Generic)

Model Ref.	VATCS/Sign Ref, Speed/SD slow down/L lanterns/ DL data logging
Display Technology	High Intensity LED. Auto luminosity control to suit ambient light conditions.
Display format	24" R2-1/ (60 x 75cm)RB-1 MUTCD diagrams available as standard. Visible at 480'. Display colours are inverted from the MUTCD regulatory sign diagrams . 5" 125mm beacons are located in each corner , flashing in horizontal pairs to attract drivers attention.
Vehicle Detection	FCC compliant K Band Si-3 technology , configurable trigger speeds between 5MPH/8KPH to 120MPH/192KPH, 12° beam with adjustable range from 350 to 1200 feet. Standard 600'.

	Model No.	Approx Dimensions Inches/mm		
		Height	Width	Depth
Models	VATCS/R2-1,XX/SD/L/DL (US) (24")	59/1510	34/875	4/90
	VATCS/RB-1,XX/SD/L/DL (CAN) (60 x 75)	59/1510	34/875	4/90

Smaller scaled down versions and larger size formats of sign are available on request. Dual speed versions available for rotating between speed zones and other hazard specific warning signs in accordance with MUTCD with or without slow down and lanterns. Posted speed and size to be quoted when ordering.

Weight 45Kg 90lbs

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SPECIFICATION, continued...

Power Supply

Solar or AC powered. Solar Kit Designed to ensure 24/7/365 operation in accordance with average solar hours per day available at locations. Nominal 80W panels with 36 amphr battery reservoir integrated into sign.

Operation

The display will operate as a secret sign in vehicle activated mode, only displaying the warning when a vehicle approaches the sign exceeding the pre-configured speed limit (adjustable on site). Sign is available with and without Slow Down legend and Lanterns. The amber lanterns flash alternately in horizontal pairs, and the warning is illuminated while the vehicle continues to travel in excess of the activation speed, or for a default timeout.

VAMP Timetable

VAMP is a desktop software package which allows the user to instruct the sign to operate in conjunction with a programmed timetable such as a School calendar. The switching timetable is produced in the desktop transferred to PDA and uploaded to sign via Bluetooth™ Wireless Communications. Used for control of Dual Diagram Signs

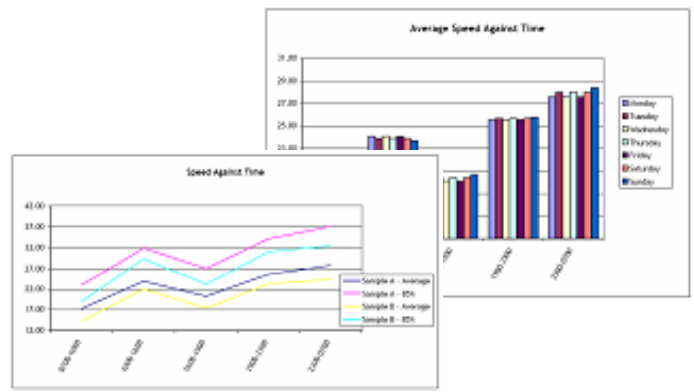
Data logging Facility

Dorman Varitext's unique data logging software interfaces to the sign via a Bluetooth™ wireless connection to a hand held PDA. The data logging software records the date, time and speed of vehicles passing the sign; this information can be imported into Excel, to enable detailed analysis of, speeds and allow the client to evaluate the VATCS performance. Data value is in before and after comparisons. Standard Storage capacity 11 million vehicles on SD memory card

Log and analyse traffic flow and speed data with VATCS Datalogger© Software...



Date	Time	Speed
05/05/2005	12:05:01	23
05/05/2005	12:05:02	21
05/05/2005	12:05:04	25
05/05/2005	12:05:06	23
05/05/2005	12:05:20	24
07/05/2005	12:05:35	26
07/05/2005	12:06:05	32
09/05/2005	12:07:05	30
08/05/2005	12:08:05	45
09/05/2005	12:09:05	25
09/05/2005	12:09:45	25
09/05/2005	12:09:55	24
Mean of average speed =		27.08333333
95th Percentile =		31.7



ENCLOSURE

Outdoor Application

Purpose fabricated lightweight, robust, vandal resistant, weatherproof enclosure. -35 to 74°C operating temperature range.

Enclosure

Corrosion resistant purpose fabricated lightweight Aluminum enclosure, hinged front door for access with vandal tamperproof shape locks. Color finish to suit.

Mounting



Permanent Mounting Option

As standard the VATCS has four sign fix channels running the full rear width of the sign, each sign is supplied with 4 No SX0220 channel banding adaptors to allow clients to band mount onto any existing post. Solar Panel is supplied complete with mounting bracket for either side or top of pole mounting.

Window

¼ inch/5mm vandal resistant polycarbonate.