

Variable Traffic Signs (Vts)



Introduction

Variable Traffic Signs (VTS)

Variable Traffic Signs (VTS), which are used to minimize traffic problems in traffic flow and adaptive management, alerts drivers in advance by displaying speed limits, road direction and closure, that enables information to reach drivers quickly.

Variable Traffic Signs display different traffic speed limits and road direction with high quality and long-lasting LEDs. Products produced with special optical lens technology have the highest optical ratio and light reflection protection. Variable Traffic Signs provide easy integration with other control systems with new user-friendly plug-and-go integration."



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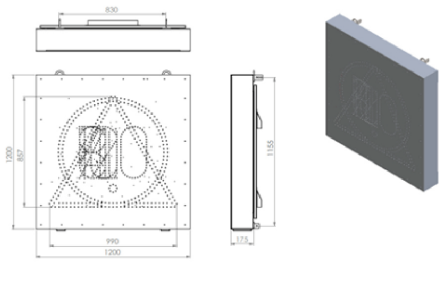
Variable Traffic Signs (Vts)



Highway Variable Speed Limit Signs (SVTS)

SPECIFICATIONS

Visual Design	30,40,50,60,70,80,90, 100, 110, 120, (!) signs and off
Color	2 Color (Red, Amber or White)
Pixel Density	Pictogram
Area of Use	Highway
Dimensions	1200mm X 1200mm



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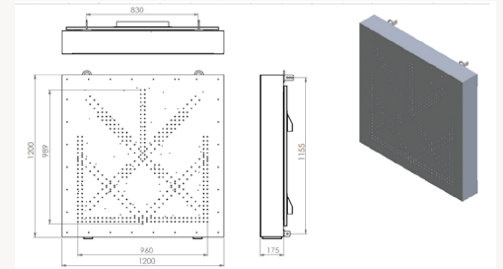
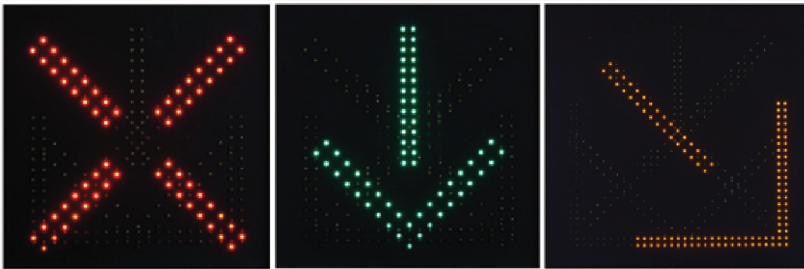
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Highway Variable Lane Signs (DVTS)

SPECIFICATIONS

Visual Design	Right, Left, Direction and cross arrow
Color	3 Color (Red-Amber or white and Green)
Pixel Density	Pictogram
Area Of Use	Tunnel
Dimensions	1200mm X 1200mm



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VTS Technical Specification

OPTICAL PERFORMANCE

Led Type	SMD LED
Number Of Colors	3 color for lane VTS (amber or white, red, green) 2 Color for Speed Limit VTS (amber or white, red)

COMMUNICATION

Interface	RS485 & Ethernet
Device Communication Protocols	ModBUS TCP, NTCIP, TCP/IP, Ethernet

MECHANICAL SPECIFICATION

Housing	Aluminum, AW1050 3mm
Protection Classification	P3 IP56 (EN12966) / IP66 ESIM
Wind Resistance Classification	WL9
Wind Sprain Resistance	TDBI
System Maintenance	Rear Covers

ELECTRICAL SPECIFICATION

Heat Class. (En12966:2009+al: 2014)	T1 (-15°C To +60°C) T2 (-25°C To +55°C) T3 (-40°C To +40°C)
Led Lifetime	>100.000 Hour
Humidity Range	%20-%90
Energy Requirements	380vac ±%20 47-63hz
Power Consumption	Maximum 100w / M2 Nominal 50w / M2



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