VariableSpeed Limit™

VariableSpeed Limit™ signs are an ideal solution for changing speed limits at a certain time of day, such as in school zones, or in real-time to respond to changing road conditions or congestion on highways, arterials, or in work zones.

These displays are also effective in locations where there is a dramatic change in speed entering into a pedestrian zone.

Drivers easily recognize the familiar shape, color, and size of these FHWA MUTCD compliant signs.

DeviceManager™

Two-way wireless communication

Alerts, set-up, diagnostics, upgrades

Local: Onsite™ Bluetooth®
Remote: CentralOffice™
Failure Alerts: OfficeAlert™

SchedulePro™

Program with ease, unlimited schedules, modes, exceptions

TrafficInfo™

Traffic data, reporting

Adjusting the Pace. Increasing Safety.

VariableSpeed Limit signs manage traffic flow by changing speed limits based on time of day, or in real time from your Traffic Management Center using our CentralOffice™ application. Options include CentralOffice, SchedulePro, TimeKeeper, and External Output Control for up to two devices, such as flashers or cameras.

VariableSpeed Limit Alert signs add the radar-enabled ViolationAlert™ feature to flash the digits when a driver is exceeding the speed limit--the higher the speed, the faster the flash. The 15-inch model has an optional SLOWDOWN message to flash alternately with the speed limit.

Both VSL and VSLA signs:
- Are available with 15-inch or 18-inch digits in seven-segment format, or with 18-inch digits in full matrix format (VSL-18M, VSLA-18M) for use on multi-lane roadways.
- Use high-efficiency white LEDs and low-power drive for design life of 20 years or longer.
- Can be powered by AC or solar.
- Are designed with UltraClear™ technology for highest contrast and superior viewability in all weather conditions.
- Communicate through NTCIP, fiber, WAN TCP/IP, Bluetooth® wireless, cellular modem, radio/RF modem, or serial connections.
- Industry compliant: FHWA MUTCD, NCHRP-350 crash testing, wind-load rated at 150 mph (15" version), NEMA 3R housing, FCC Part 15 low-power radar.
- Backed by the best warranty in the business and supported by our highly-acclaimed customer service team

800.421.8325

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www.informationdisplay.com

THE BEST IN THE BUSINESS

INFORMATION DISPLAY
COMPANY

Specifications for VariableSpeed Limit (VSL) and VariableSpeed Alert (VSLA)

15-inch digits (VSL-15, VSLA-15) Seven segment design, white or amber	Recommended for use in speed zones 45MPH and lower Includes static SPEED LIMIT sign (30" x 42", 36 lbs.) VSLA includes SchedulePro
18-inch digits (VSL-18, VSLA-18) Seven segment design, white or amber	Recommended for use in speed zones 45MPH and higher Includes static SPEED LIMIT sign (36" x 48", 45 lbs.) VSLA includes SchedulePro
18-inch digits (VSL-18M, VSLA-18M) Full matrix design, white LEDs SPEED LIMIT 55 Positive Contrast SPEED LIMIT 55 Negative Contrast	Recommended for use in speed zones 45MPH and higher. Includes static SPEED LIMIT sign (36" x 48", 45 lbs. or 48" x 60", 60 lbs.) Pixel Matrix: 12W x 16H per digit single-density; 24W x 32H per digit double density; Viewing Distance: >1,100 feet; Sign Intensity: Automatically adjusts with ambient light sensor; >12,500 Cd/M^2; Viewing Angle: 30 degrees included angle
AC Power	Supports 110-240VAC. Seven segment: 25 watts. Full matrix positive contrast: 28 watts typical ; Full matrix negative contrast: 48 watts typical
Solar Power	Industry-standard 12VDC. Solar power systems designed for specific geographic location and sign application. Performance guaranteed 24/7/365
Environmental specifications	Conformal-coated electronics. NEMA 3R cabinet, sealed ventilated. Operating temperature: -40°C to +75°C, -40°F to +167°F. 90% RH non-condensing, 5-30Hz 3-axis vibration, ½-sine 3-axis shock, FCC 15.107 and 15.109 Class A radiated and conducted emissions compliance. Radar FCC part 15 low-power device.
Warranty	Three years on products, five years on white LED panels, 10 years on amber LED panels. Free technical support for three years.

Options

SchedulePro™ [1]	Sets operation hours by time of day and day of week, two-year exception calendar.
Output Manager™[1]	Triggers external devices, e.g. flashing beacons or cameras , by speed threshold, schedule, or remotely from your Traffic Management Center (TMC.)
TrafficInfo™ [1,2]	Collects date, time, and speed of vehicle for over 200,000 cars and generates speed compliance reports. Easy pre-set reports and advanced data windowing and statistics.
SLOW DOWN Message [1,2,3]	Alternately displays speed limit and slow down message.
Mounting Options	Mounting brackets support poles, posts, portable stands, and with lockable QuickChange™ bracket for our DuraTrailer™ or for moving the sign among locations.
OnSite™	Enables onsite communication, using laptop with Bluetooth® wireless to program, update, download speed data, conduct diagnostics (seven-segment) or laptop to update settings and retrieve error information (wired IP with full-matrix sign.)
CentralOffice™	Enables remote communication from TMC to program, update, download speed data, conduct diagnostics via NTCIP, fiber, WAN TCP/IP, cellular modem, radio/RF modem, serial, or Ethernet.

Footnotes: [1]Requires controller software package; [2] VariableSpeed Limit Alert only; [3] 15" digit sign only

Information Display Company Products: AdvisorySpeed™, DuraTrailer™, FlashAlert™, Flashing Beacons, Portables, SlowDown Alert™, SpeedCheck™, TollRate™, TravelTime™, TrafficFlow Manager™, TrafficInfo™, VariableSpeed Limit™