VERSILIS INC

SWIFTSIGN

AUTOMATED WARNING SIGN

PRODUCT SHEET

- Automated pivoting warning sign
- Small footprint and easily installed on any concrete barrier
- Ideal for permanent or work zone advance warning signage

SWIFTSIGN™ OVERVIEW

The SwiftSign is an automated warning sign specifically designed for traffic control operations.
The SwiftSign pivots 90 degrees and is only visible to motorists when activated. It can support many kinds of signs or message boards, along with different lighting options. Manufactured with corrosion resistant materials, the SwiftSign is designed to withstand harsh roadside conditions and weather environments.
The Versilis communication hardware offers different communication options to allow signs to be operated, monitored and sequenced, locally and remotely. A system application may include one or many sign modules which can be activated individually, in sequence, in groups or as part of an overall solution that brings together various traffic devices, including SwiftGate, lane control signs, flashing beacons, traffic light controllers, etc.

SWIFTSIGN FOR TEMPORARY APPLICATIONS

For temporary work zone applications the SwiftSign uses solar energy as its external power source and a RF handheld remote control for operation and monitoring. Temporary applications require no wiring for ease of installation and relocation.

SWIFTSIGN FOR PERMANENT APPLICATIONS

When used for permanent applications, the SwiftSign can use an external power supply. Different communication interface options allow signs to be controlled and monitored remotely from a Traffic Management Center. For on-site operation and maintenance, a radio frequency (RF) handheld remote control is available, as well as push buttons.

APPLICATIONS

- Express lane access ramp control
- Emergency traffic operations, i.e. tunnel incident signage, flooding signage
- Roadway surface condition warning
- Work Zone queue management
- Variable speed limit
- Event traffic management
- Repetitive traffic operations
- Work zone repetitive lane closures
- Other similar applications

SAFETY
PERFORMANCE
EFFICIENCY

INCREASED HIGHWAY OPERATION EFFICIENCY

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TECHNICAL FEATURES

PHYSICAL
- Pivoting range of 90 degrees (horizontal)
- Deployment or retraction time: typically 23 seconds
- Narrow base support frame footprint
- Traffic warning sign: not included

REFLECTIVITY
- Available option to allow flashing beacons or other required lighting to be mounted on the traffic warning sign
- Allow warning sign up to 48" x 48"
- Available option to support two signs and alternate the one facing traffic

ELECTRICAL
- Standard Versilis Control Unit for electrical motor control, LED power management & flashing logic, and battery charger function
- Gate works on battery 12V DC (AGM type); also used as power backup for communication hardware and Gate LED operation
- Charger input can be a solar panel or an external power supply
- Typical external power supply consumption: 0.6 A at 120V AC or 0.3 A at 230V A

GATE MECHANISM - MOTORISATION
- Weatherproof electrical linear actuator
- Mechanical overload protection
- Hand crank manual override

COMMUNICATION INTERFACE OPTION
- Wireless (US 915-MHz ISM band)
- Wire RS-485 interface
- Fiber optic

HANDHELD RF REMOTE CONTROL
- Wireless (US 915-MHz ISM band)
- Approximate range of 1 mile in normal condition with line of sight

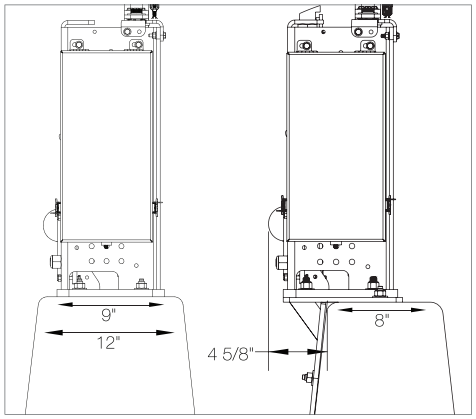
CONTROL OPTIONS
Ability to mix and match control options for added operational flexibility and redundancy.

Local Control Options:
- Versilis handheld RF remote control
- Push buttons

Remote Control Options:
- Versilis Commander for NTCIP and WEB access over Ethernet
- PLC using dry contacts

SwiftSign front view - sign deployed and retracted

SwiftSign top view



Gate mechanism front view for median & shoulder barrier wall

ABOUT VERSILIS

Versilis takes pride in developing quality innovations and providing exceptional service. Everything we do is governed by three principles: quality, safety and efficiency. In an effort to meet the highest quality standards and respond to clients' evolving requirements, Versilis engineers work hard at continuous product improvement. For this reason, Versilis reserves the right to modify minor technical details listed in this product information sheet without warning.

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