

BlinkerSign®/BlinkerBeacon® (Used in all Options)



- Installs easily onto most new or existing sign post or poles
- Can be integrated into an ITS (Intelligent Transportation System)
- Day-Viz® daylight visible high intensity LEDs are highly visible in bright daylight, fog, rain, and snow

Sign Substrate	.080 Highway Grade Aluminum
Reflective Sheeting	3M™ DG3 - with anti-graffiti overlay
MUTCD Compliance	MUTCD Section 2A.07 Compliant
Warranty	3 Years

Time Clock Controller and Scheduling Software (Used in Option 2)



Hardware Time Clock Controller

This hardware controller is integrated into TAPCO BlinkerSign® LED signs and stores the schedule uploaded from the included Scheduling Software. In turn, the controller activates the BlinkerSign® according to the stored schedule.

To configure or alter scheduling for a BlinkerSign®, simply connect a laptop (not included) running the Scheduling Software to the ITS Time Clock Controller via a USB cable (included). The schedule is uploaded to the time clock controller/BlinkerSign® and can also be saved to the laptop for updating or use in other ITS devices.

Benefits

- Can be scheduled for late night hours, bar time, when accidents occur
 - Dusk till dawn option also available
-

BlinkerBeam® Wireless Communication (Used in Option 3, 4, & 5)



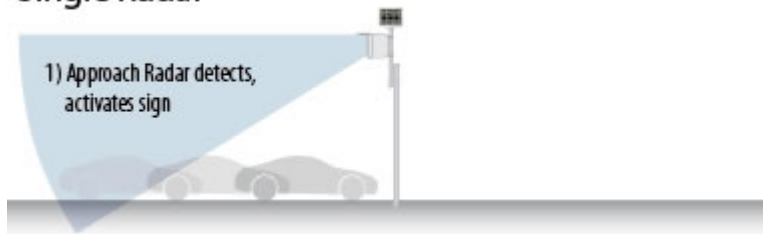
BlinkerBeam® permits wireless synchronous communication between two or more Wrong Way BlinkerSign® LED signs.

Wrong Way BlinkerSign® Warning Systems typically consist of two Wrong Way signs (1 & 2) one on each side of the roadway. When activated, the signs communicate wirelessly with each other through the BlinkerBeam® transmitter 3. Instantly both signs are flashing in unison.

- Operates license-free on 902-928 MHz Spread Spectrum
 - Stand-alone operation
 - Solar Powered or 110 VAC operation
 - Fully programmable outputs
 - Range up to 900 feet with internal antenna, optional antenna for extended distance
-

Radar Detection & Dispatch Alert (Single Radar used in Option 3, Dual Radar in Options 4 & 5)

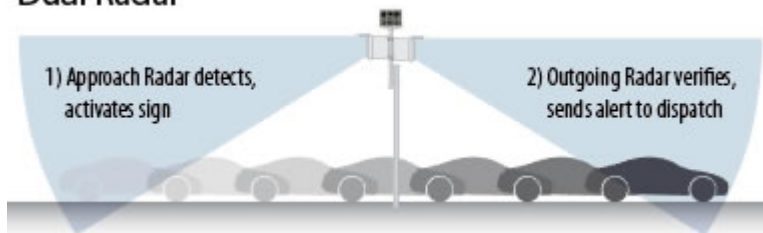
Single Radar



Single Radar Features

- Sign flashes only when vehicles are present
- Fully configurable via RS232 serial port
- Wide input operating range & low power allows solar operation
- Weatherproof enclosure option

Dual Radar



Dual Radar Features

- Includes all same features as single radar
 - Confirms wrong way driver
 - Will trigger Email/SMS alert to dispatch
-

Confirmation Camera (Used in Option 5)

Wrong Way Driver Caught on Camera

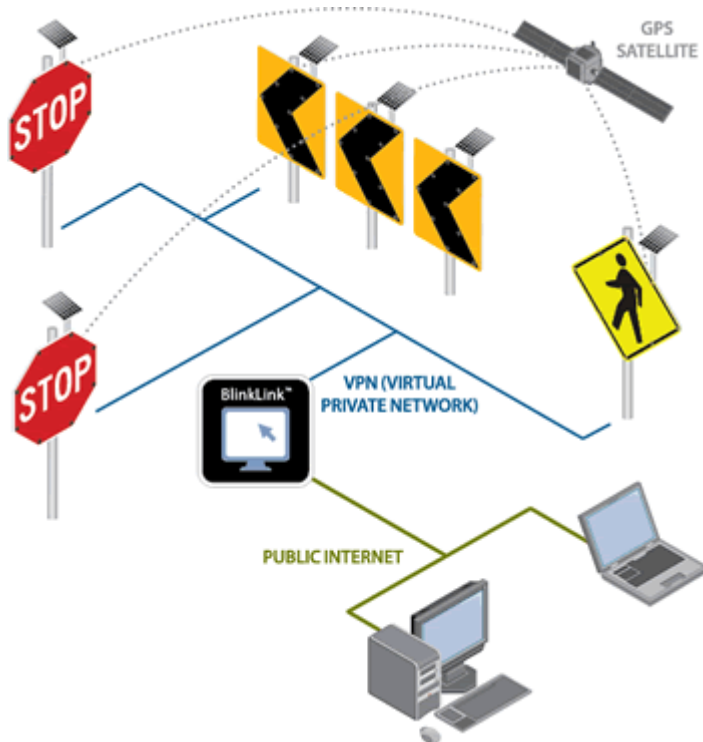


The confirmation camera located on the wrong way BlinkerSign® provides a third form of confirmation through visual snap shot uploads of wrong way drivers.

- HDTV 720p
- Images sent to server
- Power over Ethernet
- Video motion detection

Image sensor	1/4" progressive scan RGB CMOS
Lens	2.8mm 81" view, f2.0, fixed iris, fixed focus
Light sensitivity	1.0 - 10000 lux
Shutter	time 1/6 s to 1/ 24500 s
Resolutions	1280x720 to 320 x 180
Frame rate	25 fps @ 50Hz and 30 fps @ 60Hz
Casing	IP66 Nema 4x-rated metal casing (aluminum)
Memory	256 MB RAM, 128 MB Flash
Power	8-28V DC max 4.7 W

BlinkLink™ Web-based Traffic Device Monitor & Control (Option 4 & 5)



Real-time map based location monitoring shows the status of all web enabled Wrong Way devices. The activation of a device triggers a visual and audible notification on the BlinkLink™ portal.

Additional notifications are sent via email and SMS text messaging so that the right people get notified no matter where they are. Within seconds after a notification is received, a series of images are sent to the BlinkLink™ system and can be viewed to show the event as it happened for visual verification and identification of the Wrong Way incident.

- Logs of the events are kept and can be exported.
- User accountability and access controls enable the customer to track who can do what, and when they did it.
- Notification logs also verify that notifications are being sent out and to whom they have been sent out to.