

OVERHEIGHT WARNING SYSTEM

The TAPCO Overheight Warning System detects overheight vehicles in advance of low structures and alerts drivers to an impending collision ahead.

SYSTEM OVERVIEW

Infrared transmitter and receiver sensors are mounted on either side of the road in advance of the low structure, creating an infrared beam over the road. When an overheight vehicle breaks the infrared beam, the receiver sends a wireless signal to activate the warning alert, notifying the driver that their vehicle won't clear the structure ahead.

- Sensor height tailored to each system
- Sensor lights confirm operation
- Solar or AC power
- Variety of warning alerts





INFRARED SENSOR DETECTION

Transmitter and receiver sensors can be installed up to 200 feet apart and placed on a variety of pole applications. Dependent upon road configuration, single or dual infrared beam sensors are available to determine traffic direction and optimize performance.

- Sensor detects vehicles traveling at expressway speeds
- Two green LEDs provide alignment verification during installation
- Rain and snow filtering prevent false activation
- Transmitter and receiver sensors are powered with 120vac or 130-watt solar panels (dependent upon solar calculation)

BLINKERBEAM® WIRELESS COMMUNICATION

Upon overheight detection, the receiver sensor sends a wireless signal via TAPCO's BlinkerBeam® wireless radio to the warning alert control cabinet, triggering the LEDs to activate. BlinkerBeam® wireless radios have a range of 900 feet and reduce susceptibility to interference by utilizing 900 MHz frequency hopping spread spectrum technology.



BLINKERBEAM® WIRELESS RADIO

BLINKERBEACON™ OR BLINKERSIGN® WARNING ALERTS

Overheight Warning Systems can be assembled using a variety of MUTCD-compliant BlinkerBeacon™ or BlinkerSign® warning alerts that are preprogrammed for a set flash duration. If applicable, overheight exit signs can be added to direct vehicles toward safety.

Power Options

- 13-watt solar panel for low volume activations
- 26-watt solar panel for high volume activations

BLINKERBEACON™ MOUNTING OPTIONS



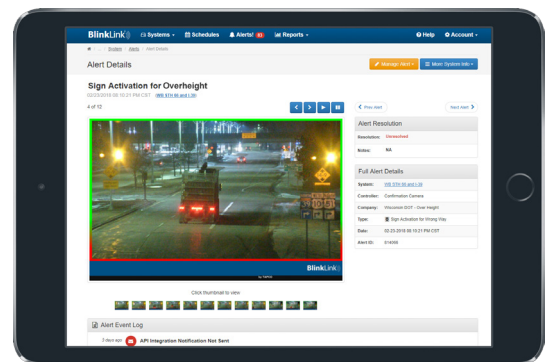
BLINKERSIGN® SIGNFACE OPTIONS

BlinkerSigns are customizable based on height of structure or customer preference. Additional sign legend options available.



OPTIONAL BLINKLINK® PROGRAMMING

Remotely monitor the status of TAPCO Overheight Warning Systems with BlinkLink® cloud software. Connected via an optional cellular modem, BlinkLink® cameras capture overheight vehicle images upon system activation and send email and text alerts to predetermined recipients.



BlinkLink® image of installed overheight system activation.



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