



SIGNAL UPGRADE

Bicycle Detection System

Moves Vehicles and Bicycles Through the Work Zone Safely

Moving bicycles through one-lane, two-way work zones has long been a difficult undertaking for traffic engineers. Thanks to new technologies and an increased emphasis on the safety of cyclists, there are now several proven methods for safely managing bicycle traffic around work zones.

When dedicated bike lanes are available, they can be signalized with custom bicycle LED indications, allowing cyclists a safe path through the work area. When bike lanes are not an option, the Bicycle Detection System can detect cyclists and adjust signal timings on-demand to allow adequate time to clear the work area. The wide dynamic range camera is ideal for even the most extreme lighting scenarios, with the ability to detect in high-glare and low-light situations.

The Bicycle Detection System is compatible with all Horizon Signal PTS Systems.



Bicycle Detection System



Detection Type	Presence
Lens	12x zoom, Auto-focus
Dimensions	17" x 5"
Weight	5.7 lbs
Operating Temperature	-31° F to +165° F (-35° C to +74° C)

FEATURES

- Specifically designed for vehicle and bicycle detection applications
- High-clarity image quality
- Automatic lens heater enables optimal video detection in poor weather conditions
- Self-cleaning lens requires little maintenance
- performs in the most challenging lighting conditions
- Quick-Click connectors minimize setup time

OTHER AVAILABLE OPTIONS

PEDESTRIAN CROSSWALK SIGNALS | System can be configured with MUTCD-compliant pedestrian crosswalk signal indicators.

ADVANCED REMOTE MONITORING | Receive text and/or email alert notifications of signal operation and battery voltage levels.

FLAGGER/PILOT CAR MODULE | Allows flagger or pilot car driver to control signal status with built in safeguards.

DRIVEWAY ASSISTANCE DEVICE | System can be configured with DAD indications for use on residential driveways.



Works with Any Horizon PTS!

The Clearance Time Extender works with any core Horizon Signal System.



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5 Corporate Blvd
Reading, PA 19608

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horizonsignal.com

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