



Wireless Knockdown

Interface with existing signal infrastructure

Wireless Connection With Permanent Signal Systems

The Wireless Knockdown System allows a Horizon SQ3TS Signal to be wirelessly operated by a standard street corner traffic signal controller. This system allows for a quick and easy temporary signal substitution of a permanent signal in the event of a knockdown, relocation, or traffic pattern reconfiguration.

The Horizon Portable Traffic Signal can be connected to the street corner controller within 30 minutes. Once deployed, the Horizon PTS is under complete control of the existing street corner cabinet — including full conflict monitoring as if it were a permanent span wire or pole-mounted signal. The Horizon signal transmits its status and information back to the cabinet in real-time, allowing it to be fully monitored via the cabinet's Malfunction Management Unit. The wireless interface system has a range of up to ¼ mile.



Wireless Knockdown System



WIRELESS KNOCKDOWN FEATURES

- Secure wireless connection to any NEMA-compliant streetcorner traffic controller
- Full conflict monitoring via existing control cabinet
- 1/4 mile communication range
- Add-on kit easily adapts to any Horizon SQ3TS trailer
- Operational in 30 minutes or less

OTHER AVAILABLE OPTIONS

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

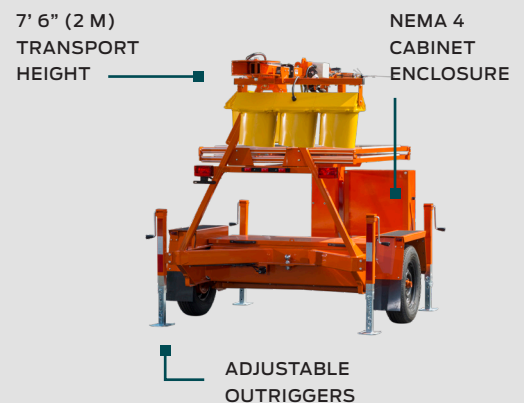
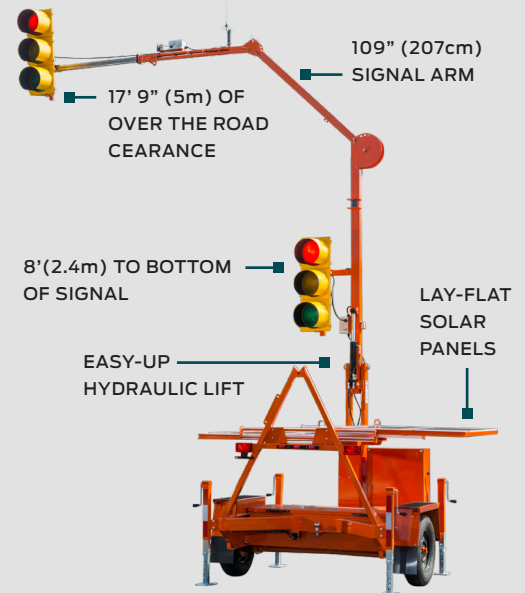
PRE-EMPTION SYSTEM | Recognizes emergency vehicles and provides earliest safe green indications.

WAIT TIME & FAULT DISPLAY | Informs motorists of wait time before next green indication.

CLEARANCE TIME EXTENDER | Adds extra red time for slow-moving vehicles that need more time to clear the work area.

MESSAGE BOARD INTERFACE | Wireless connectivity with a portable VMS to display signal status messages in real-time.

WORK ZONE VIDEO MONITORING | Get a live look at your work zone with resolutions up to 1080p and 60fps.



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