



Smart Work Zone Systems

QLynx Nano Truck Warning System and Flashing Beacon Product Technical Details



QLynx Nano Onboard Controller

2.8" TFT LCD for onboard function/detection verification

GPS Standard

Radar Unit

Non-intrusive K-Band Doppler radar with 3x/second detection and transmission.

Requires no external configuration software. All device configurations can be done on the Nano controller.

95%+ detection rate

Maintains accurate performance in all weather conditions, including rain, freezing rain, snow, wind, dust, fog, and changes in temperature and light.



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Power Supply

Solar: 12V (nominal) panel 50W

Battery: External 12V power supply. 70 AH Sealed Lead Acid

Nano Radar HeadProduct Size

Enclosure Height 8.54in

Enclosure Width 6.54in

Enclosure Depth 4.01in

4G Data Modem Module Details

Carrier and Technology: Verizon 4G

Point-to-Point Radio Communication

Uses 900 MHz point to point radio modems to provide communication from detection device to flashing beacon trailer for Trucks Entering Highway Warning (TWS) and Stopped Traffic Ahead (STA) Systems. Ultra low latency time allows for <1 second detection to activation times.

Receiver Unit (Flashing Beacon Trailer)

Uses Wanco Fold-and-Go Flashing Beacon Trailer as a base unit

5" or optional 8" round LED flashing beacons (2 or optional 4 per trailer)

48" Diamond shape signage