

FUSION® CVO TRANSPONDER

The Interoperability Solution for E-ZPass® and Weigh Station Bypass Programs

Overview

MARK IV delivers a powerful solution for Commercial Vehicle Operations that solves the interoperability challenges of weigh station bypass and E-ZPass®. The Fusion® CVO Transponder is TDMA/IAG compatible. It is compatible with TDMA weigh stations, as well as the E-ZPass toll system in the Northeast.

The Interoperability Solution Across the Nation

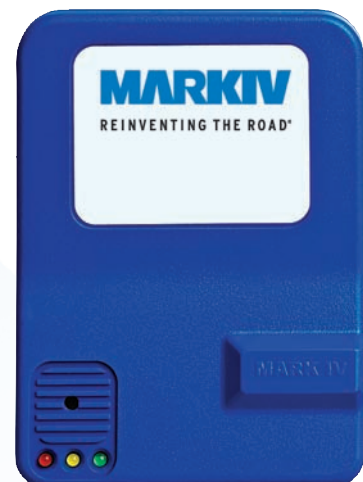
The Fusion CVO Transponder is the device of choice for CVISN programs across the nation, including PrePass in its PrePassPLUS service and the New York State Trucking Association's BESTPass program. The Fusion CVO Transponder is also compatible with the Highway 407 ETR open-road toll system. The key to the Fusion CVO Transponder's interoperability across diverse systems is its high-transaction performance required for E-ZPass, plus its standard signaling method required by weigh station programs across the nation.

Standardized Interfaces

The CVO version of the Fusion® transponder is designed with a buzzer and three LEDs, (red, yellow and green) configured with a signal flashing sequence recommended by the CVO Interoperability Committee of ITS America for use on all North American weigh station bypass, e-screening and CVISN programs.

Key Benefits

- ✦ IAG (high performance) and/or ASTM "V6" TDMA compatible
- ✦ Standard CVO signaling (ITSA CVO compliant)
- ✦ Vehicle and truck applications
- ✦ Reliable performance to 100 MPH
- ✦ Multi-lane, open-road and HOT lane applications
- ✦ All-weather performance
- ✦ Encryption available for TDMA protocol



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Technical Specifications

Dimensions	3.1" x 4.3" x 0.9"
Weight	7 oz.
Case Colors	Black, Blue or Gray
LED Colors	Red, Green, Amber
Operating Frequency	915 MHz nominal center
Operating Temperature Range	-40 deg C to +70 deg C
Power Source	Internal Lithium Battery
Compatibility	TDMA and optionally IAG protocols
Regulatory	FCC Part 90 and Industry Canada