

Product Evaluation

RE: Review of Autoscope Solo Terra Video Vehicle Detection System

PRODUCT

Autoscope Solo Terra Video Vehicle Detection System is manufactured by Econolite **Incorporated** located in Anaheim, California and distributed by Econolite Canada Incorporated located in Calgary, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Autoscope Solo Terra Video Vehicle Detection System features a camera with integrated machine vision processor. The Autoscope Solo Terra video detection system is ideal for junction, roadway and bridge applications. This video detection system delivers high performance traffic data collection and incident detection. The Autoscope Solo Terra video detection system is a cost effective and comprehensive solution for transportation projects in vehicle speed measurements to classification and stopped vehicle detection.

Web link for this product: http://autoscope.com/products/solo_terra.htm

DESCRIPTION

The Autoscope Solo Terra Video Vehicle Detection System is integrated with color camera, zoom lens and machine vision processor in one compact unit which ensures high quality video for processing.

The system also includes dual-core processor for advanced image processing, MPEG-4 digital streaming video output, EasyLink broadband communications (IP addressable), view video from remote locations using internet browser, configuration Wizard for highways and ClearVision hydrophilic coating and faceplate heater.

POTENTIAL USAGE

The Autoscope Solo Terra Video Vehicle Detection System is ideal for vehicle detection, data collection and incident detection for intersections, highways, bridges and tunnels.

STANDARDS

ISO Certification CA98/913 CE EN 55022
EN 61000-6-1
EN 60950 FCC Part 15, Class A

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has limited experience with video detection.

APPLICABLE STANDARDS

At present Alberta Transportation has no standard.

RECOMMENDATIONS:

Autoscope Solo Terra Video Vehicle Detection System be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Traffic Detection – Proprietary, based on the information provided.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow/Jim Poole/Jim Gavin