

**PRODUCT EVALUATION**

**RE: Review of Autoscope Vision Traffic Detection Technology**

**PRODUCT**

Autoscope Vision Traffic Video Detection Technology is manufactured and distributed by Econolite Incorporated located in Calgary, Alberta.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

Autoscope Vision Traffic Video Detection Technology is a high quality, non-intrusive, multitasking video vehicle detection system. Autoscope Vision can provide the information necessary to enhance the mobility capabilities of today's most demanding ITS deployments as well as the evolving transportation needs of the future. Web link for this product: <https://www.econolite.com/>.

**DESCRIPTION**

Autoscope Vision is an integrated camera-processor sensor solution that provides high performance vehicle and bicycle detection, traffic data collection and HD video surveillance. It supports local Wi-Fi and streaming video to mobile computing devices. Autoscope Vision utilizes an ITO faceplate heater and hydrophilic coated lens to maintain optimal performance during inclement weather while reducing the frequency of cleaning. Power and communication to Vision sensors is conducted via the Vision Comm Manager. Vision Comm Manager supports SDLC and wired I/O interface.

**POTENTIAL USAGE**

Autoscope is used to provide real-time detection information, such as:  
HD video surveillance and traffic monitoring systems for Intersection control detection, Freeway management detection, Incident detection and verification, Traffic survey data collection, Remote surveillance and Temporary construction and work zone safety.

**STANDARDS**

No Standards submitted.

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE**

Alberta Transportation has no experience with this technology.

**APPLICABLE STANDARDS**

At present Alberta Transportation has no specification for traffic detection

**RECOMMENDATIONS:**

Autoscope Vision Traffic Detection be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Traffic Detection – Proprietary, based on the information provided and the performance at the trial site.

**TRIAL PROJECTS**

Hwy 33 at 50th Avenue in the town of Barrhead (TND 0019474); Anthony Henday Dr. and Saint Albert Trail intersection either side of the over pass

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