

Product Evaluation

RE: Review of Miovision TrafficLink Detection System (with 360 fisheye camera)

PRODUCT

Miovision TrafficLink Detection System (with 360 fisheye camera) is a Traffic detection system manufactured by Miovision Technologies Inc. located in Kitchener Ontario and distributed in Alberta by ATS Traffic located in Edmonton, Alberta. Website: <https://miovision.com/trafficlink/>

VENDOR CLAIMS AND INFORMATION

CLAIMS

Miovision TrafficLink Detection is an above ground 360-degree camera video detection system and data analytics solution. It provides intersection actuation, traffic data collection, and complete multimodal view of traffic intersections. It is reliable in all weather conditions (rain, fog, snow, glare on roadway, sun blinding, etc.) to capture the view of the entire intersection, and generates video for monitoring, detection, and analytics.

DESCRIPTION

TrafficLink Detection contains three major components: SmartLink (wireless communication and video storage), SmartSense (video image processor), and SmartView (360 Fisheye Camera). It supports daily traffic monitoring, multimodal data collection, and transportation engineering studies.

POTENTIAL USAGE

Miovision TrafficLink Detection 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/standard for traffic detection.

RECOMMENDATIONS

Miovision TrafficLink Detection System be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Traffic Detection – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

Rishi Adhikari

cc Innovations Evaluation Committee – Roger Skirrow,
Rokibul Khan