Orangetraffic✦

MediaTunnel Automatic Incident Detection System

Citilog

MediaTunnel is a video-based Automatic Incident Detection (AID) system for road tunnels. It provides real time detection of incidents and accidents as well as traffic data.

Description

MediaTunnel allows fast automatic real time incident detection with an alarm and on-screen display of incidents within a few seconds after an incident occurs. Fast detection enables a proactive response to incidents and accidents and thus limits the risks of secondary accidents, minimizing human casualties and infrastructure damage.

Benefits: Mobility and Safety

With a quick detection of incidents by MediaTunnel, it is easier for Traffic Control Centers to track incidents in real time and then to anticipate congestion. With faster notification of accidents, oncoming drivers can anticipate, adjust their speed and avoid secondary accidents. The risk of congestion is reduced, which improves mobility on roadways.

With digital video recording of incidents, an investigation into the nature and cause of incidents are possible.

Return on Investments

Because of quick detection for any type of incident – large or small – the system can enable adapted best plans for action for traffic managers to better protect investments in infrastructure. MediaTunnel helps maintain a high level of availability of roads or tunnels, thus enhancing the Return on Investment both in operations and in risk escalation reduction.

MediaTunnel has been deployed all over the world on hundreds of tunnels.

Specifications

Incident alarms

- Stopped vehicle

- Congestion
- Pedestrian
- Wrong way
- Debris
- Slow vehicle
- Loss of visibility

Traffic data

- Vehicle count
- Speed
- Occupancy
- Level of service

GUI

- MediaManager monitoring and management Graphical User Interface

Benefits

- Field proven technology (20 years)
- Compatible with IP and Analog system
- Database for video clips of incidents

Video input

- Analog video: PAL/NTSC
- IP video: compatible with any ONVIF/RTSP stream
- IP video: compatible with most non ONVIF/RTSP stream

Hardware

- MediaTunnel can be installed on any Windows-operated computer
- MediaTunnel can be installed on Virtual Machines

Communications

- Citilog SDK: MediaTCPServer/MediaXMLServer
- Other standard protocols: OPC, Modbus...
- Specific protocols upon request

For more information: 1 800 363-5913

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