

SMART TRAFFIC ANALYZER (STA)

Log View

Welcome To Picomixer STA (Smart Traffic Analyzer)



Basic Features of STA (Smart Traffic Analyzer)

* Automatic Highway / Road / Street (but not intersection) traffic analysis using artificial intelligence and video processing.

* Counting and classification vehicles (per direction (in two directions including several lanes)) in different classes including:

* Totality classification system in 2 groups (more precise classification system of STA) :

- Light Vehicles (Cars)
- Heavy Vehicles (Minibus + Truck + Bus + Trailer)

* Detailed classification system in 5 groups :

- Car
- Minibus
- Truck
- Bus
- Trailer

- * Calculating the real-time and average traffic volume
- * Calculating the average speed of vehicles
- * Providing applicable reports in different forms, including charts, tables, and MS Excel files
- * Visualization of traffic congestion as well as to display incidents on a live interactive map
- * Flexible to work in different operational environments
- * Ability to operate in two modes: Online (real time connection to the camera), Offline (video files)
- * Ability to use different video sources including all standard types of IP Cameras and Analog Cameras
- * Ability to adapt to the different climates and ability to smart matching with sudden changes in weather conditions
- * Ability to integrate with popular video management systems such as Milestone XProtect and Axis Media Control
- * Ability to integrate with interactive visualization systems such as dynamic maps to visualize the road traffic congestion

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