



Autoscope® Software Developer's Kit

Description

The *Autoscope* Software Developer's Kit (SDK) provides the tools necessary to integrate *Autoscope* video detection systems with existing traffic management applications. Additionally, the SDK helps in the development of new custom software applications which use the advanced traffic detection information provided by the *Autoscope* wide-area video vehicle detection system.

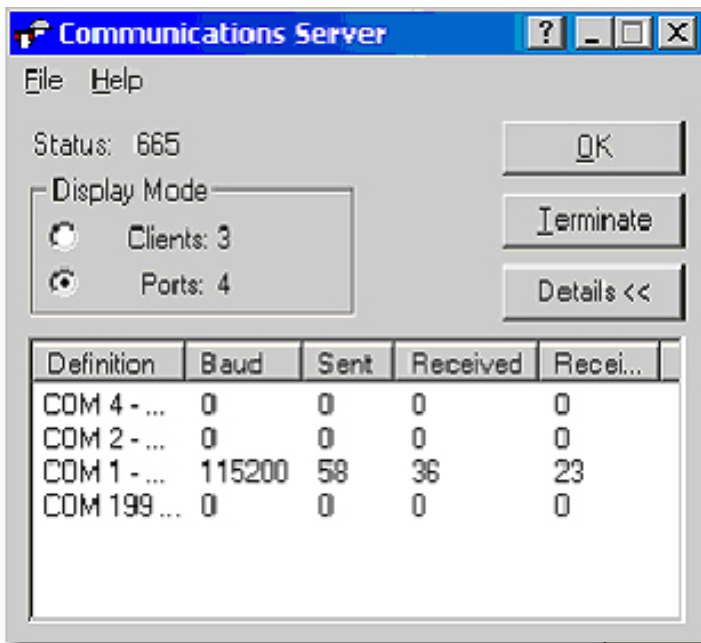
Complete documentation, sample application programs with source code, Client Application Programming Interface (CLAPI), communications server, and single-use license are provided. The kit allows anyone with computer programming skills to develop an application that retrieves information from *Autoscope* video detection systems for a traffic control or traffic data collection system.

Benefits

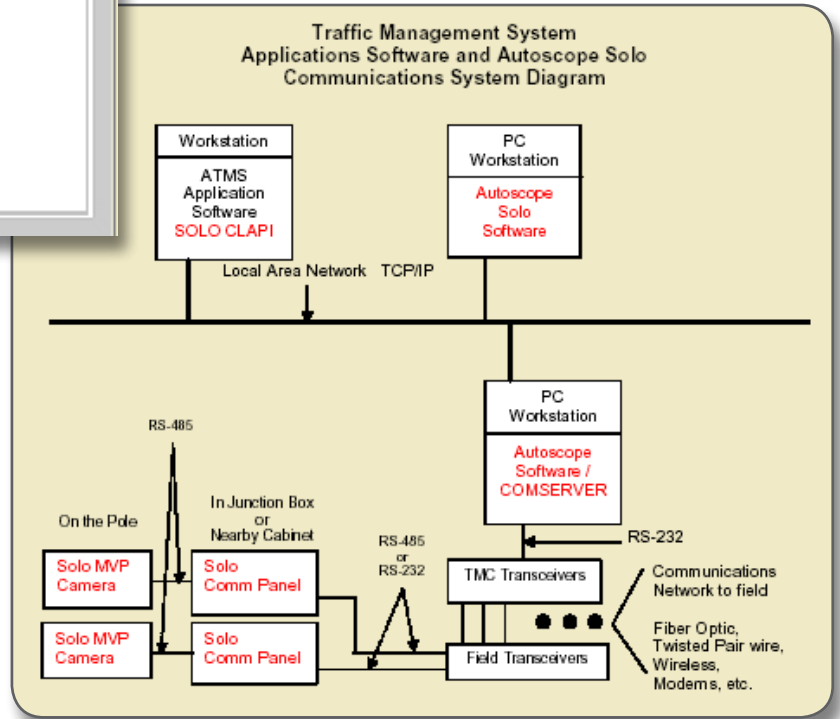
- Customized applications to utilize advanced traffic management information
- Customized acquisition and real-time processing of traffic data, such as volume, speed, and occupancy
- Alarm generation to alert traffic operators to current traffic anomalies
- Development tools to analyze traffic trends and archive data for off-line analysis

Features

- Provides tools and software necessary to develop custom client applications
- Provides source code examples of how to request data and use messages and options
- Promotes application development that is capable of requesting and receiving traffic data from the *Autoscope* video detection system
- Performs error-checking and enables complete logging of data communications
- Provides the means to acquire and save various traffic parameters to a disk
- Supports communications with a large network of video detection devices (over 400)
- Includes 40 hours of programmer support (via telephone)



The *Autoscope* Communications Server (shown at left) provides diagnostic information and complete logging to facilitate rapid application development.



Applications

- Advanced Traffic Management Systems (ATMS)
- Advanced Traffic Information Systems (ATIS)
- Automatic incident detection for freeways, bridges, or tunnels
- Adaptive traffic signal control
- Ramp meter control

Warranty

- Two-year warranty
- Extended warranty package available
- Native language support
- Streaming video with actuations

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