

Press-Release
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FOR IMMEDIATE RELEASE

TrafficMonitor
Video Solution for Real-time Traffic Data Collection

Moscow, Russia, September 3, 2007 - RC Module announces an expansion of the TrafficMonitor (TM) products family. The TM can classify up to 5 types of vehicles, measures traffic characteristics (up to 6 lanes independently), detects incidents, broadcasts live video and records incident history. The TM supports a wide range of communication channels Internet, RS-232 or Wi-Fi by TCP/IP, which allows using the existing communication channels Internet and Intranet for creating a transport monitoring network. The TM has a Web interface for providing on-line public information service for quick inspection of road traffic data. An implemented "client-server" technology executes efficient control from a remote station and provides traffic information as well real-time video and incident video history incident for the automatic traffic control system.

The TrafficMonitor product family includes video detectors (TrafficMonitor-E and TrafficMonitor-C) and "client-server" software (TMControl and TMAgent). The TrafficMonitor-E is a video processor equipped with four video inputs (PAL) operating in switching mode. The TrafficMonitor-E can be embedded in traffic controllers. The TrafficMonitor-C integrates a high-resolution colour camera with a day/night feature, a high performance image processing unit, wire and wireless communications in a single waterproof enclosure. The TMControl is Windows GUI application destined for controlling the "TrafficMonitor" device from a remote computer. The TMAgent provides automatic transfer traffic data from several TM devices to standard SQL server.

The TrafficMonitor products will be presented at the Exhibition on ITS (stand 11041) from October, 9 to 13 in Beijing, China. The paper "Vehicles detection and classification by contour shape model" will be read at the 14th World Congress on ITS (October, 10).

RC Module is a leading Moscow-based fables semiconductor company which designs high-end RISC/DSP processor architectures, embedded computers and application software for video image processing and DSP. RC Module designs elements for ITS solutions.

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