

## Portable traffic analyser

Nu-Metrics, a member of Quixote Transportation Technologies, has announced the NC-100/200 portable traffic analyser, designed to provide accurate count, speed and classification data.

The NC-100 provides vehicle count information, while the NC-200 provides count, speed and classification of vehicles. A major advantage claimed for the device is that it is portable and does not require the installation of tubes, loops or chains to detect vehicles.

The NC-100/200 is a new traffic analyser from Nu-Metrics designed to provide accurate vehicle count, speed and classification data



Both models fit inside a protective cover designed to withstand the impact of heavy vehicles and damage from most chemicals such as oil or fuel. Placed over the NC-100/200, the cover is easily installed on the pavement using a drill. Once the traffic study is complete, the cover and the device are removed and can be used in another installation.

At the conclusion of a study, the unit is removed from the roadway and connected to a computer to download the data to HDM (Highway Data Management) software which allows the user to quickly generate charts, reports, graphs or histograms. The software can handle 13 length classification bins, which is comparable to many FHWA studies.

[www.nu-metrics.com](http://www.nu-metrics.com)



David Cornu, (right) product manager of Kistler and Florian Weiss, CEO of Traffic Data Systems with their new product line for slow- and high-speed weigh-in-motion systems

## Slow- and high-speed WIM

Swiss company Kistler and German company Traffic Data Systems have collaborated to develop a new product line for DIN rail mounting, for implementing complete weigh-in-motion systems. The companies claim the resulting highly integrated technology takes up less space in roadside cabinets and reduces the overall installation costs.

The basic equipment comprises a detector and classification module for 16 inductive loops, and an additional 32-bit computer system with a 24-channel A/D converter in the same physical design,

enabling six lanes to be monitored with 24/48 Lines quartz sensors using Kistler charge amplifiers.

Full video systems are available as an expansion for the online recording of traffic with superimposed data such as gross weight, type of vehicle, time and date, together with high-speed data transmission to the monitoring stations. Number plate recognition is available as an option where permission for this exists.

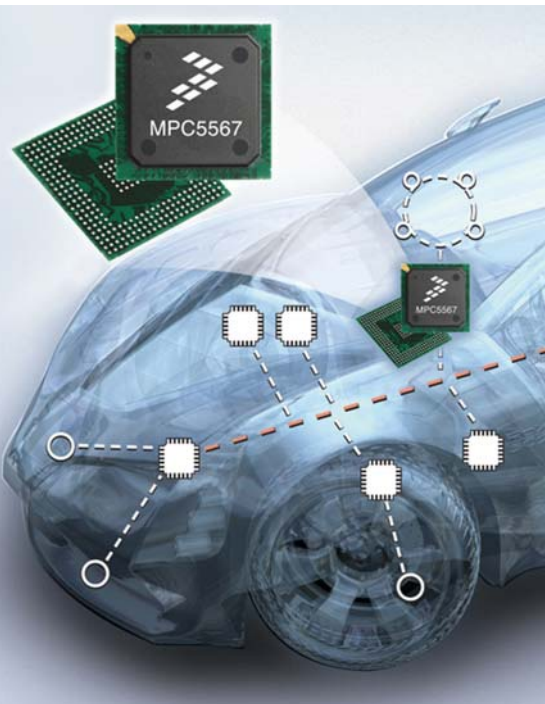
[www.kistler.com](http://www.kistler.com)

[www.traffic-data-systems.com](http://www.traffic-data-systems.com)

## iVDO mini video encoder

Video Convergence, the video surveillance products and integration services division of Cornet Technology has announced the availability of its iVDO Mini video encoder. The device supports both MPEG-2 and MPEG-4 video streams in multiple configurations. Designed for both T1/E1 and IP-based video applications, the iVDO Mini offers four individually configurable T1/E1 ports and an Ethernet network port for simultaneous video streaming. Lightweight and hardened to meet ITS and other surveillance market demands, the company says the unit's compact design provides space-saving options while maintaining a high level of functionality and performance.

[www.cornet.com](http://www.cornet.com)



## Paving the way for autonomous vehicles

In launching what it says is the industry's first 32-bit microcontroller (MCU) based on the PowerPC core with embedded flash and integrated FlexRay protocol, Freescale Semiconductor says it is paving the way for autonomous vehicles.

The MPC5567 enables fault-tolerant communication at high bandwidth rates of 10 Mbit/s, reducing system cost by integrating maximum functionality on the chip. The MCU is expected to be used in high-end integrated chassis applications, as well as engine management and control. The MCU coordinates and controls communication and activities between various systems in the vehicle. For example, the MPC5567's integrated FlexRay functionality is designed to enable the integrated chassis control module to communicate in a quick, deterministic and dependable manner with other electronic modules based on the FlexRay protocol in the car. This helps provide increased performance and safety in braking, stability and suspension systems.

[www.freescale.com](http://www.freescale.com)