

## **PIPS Technology & Idris Deliver Unique Solution**

Becoming an Idris Technology Partner recently enabled PIPS to develop a new Idris-enhanced camera destined for the ITS market. The Idris software will reside onboard the PIPS' SpikeHD camera. The product incorporates the highly accurate automatic license plate recognition (ALPR) capabilities from PIPS with the loop based detection and classification accuracy of Idris software.

The compact design specification focuses use of the product on sites where large infrastructure cannot be supported. The power requirements and communication structure remain the same with GSM, GPRS, WiFi and Ethernet as standard. Both the SpikeHD and Idris run on embedded Linux operating systems offering standard Linux connectivity and encrypted links.

Marrying the Idris data with the ALPR data generates information such as average speed, vehicle length, class and headway. This innovative and cost effective product will serve the needs of a variety of applications such as road user charging, tunnel safety, enhanced incident detection and lighter open road tolling applications. This product combines two of the most well established and proven technologies available for road user charging and congestion mitigation available today.

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