

# VS-77 Video Vehicle Separator

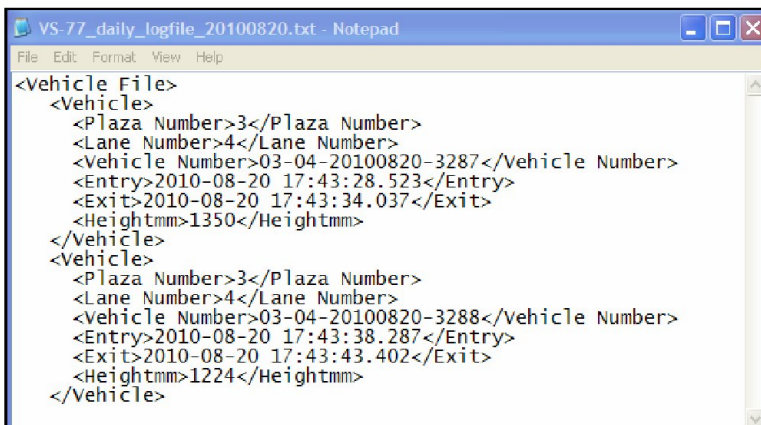
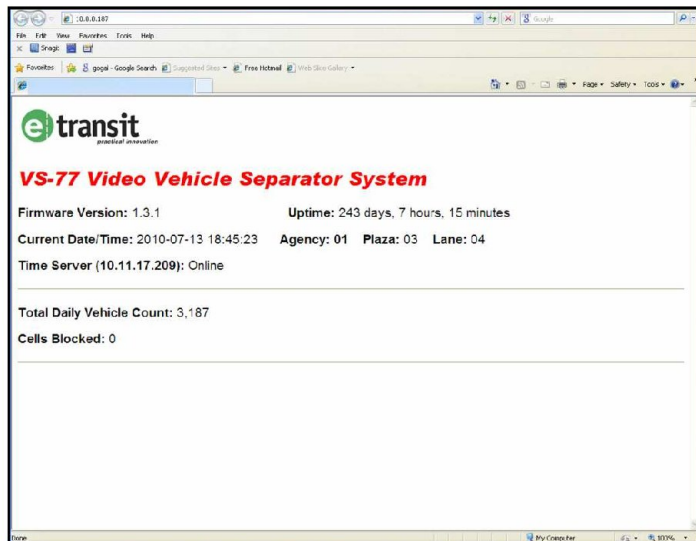


The E-Transit VS-77 Video Vehicle Separator is a best-of-breed solution that employs image processing technology to accurately detect, separate, and count vehicles as they pass through a toll lane.

The system is a **reliable, inexpensive, and easy-to-install plug-compatible** replacement for costly and difficult to maintain light curtains. Like standard light curtains, it outputs continuous streaming serial data and triggers its dry-contact relays when vehicles are detected.

Specialized logic allows small trailer hitches to be detected, while preventing false triggering from snow, rain, birds, etc.

The system adds powerful informational capabilities to standard vehicle detection processing. ASCII "transaction" records are automatically created for each detected vehicle. This data can be used for independent vehicle counting, revenue control, traffic analysis, etc. Vehicle detection data can be transmitted upstream in real-time, or in daily history files via standard or custom protocols and interfaces.



## Additional Features:

- Digital image processing technology eliminates complex multi-element transmitter/detector sensor arrays
- Four (4) independent SPDT dry-contact relay outputs that activate when a vehicle is detected. Typical uses include VES triggering, illumination of signal lamps, inputs to lane controllers, etc.
- Four (4) optically isolated DC inputs
- Real-time serial data stream can be connected to existing vehicle profiling systems
- Requires no cross-lane cabling
- One-person installation and set-up
- RS232, RS422, Ethernet, and wireless data connectivity
- Web-page based remote diagnostics and configuration
- Automatic synchronization with network time servers
- Connectivity to your existing MOMS
- Operating Temperature: -20 C ~ +60 C (-4 F ~ +140 F)
- IP Rating: IP66
- Power Requirements: 24 VAC, 50/60 Hz, 44 watts max.

All specifications subject to change without notice.

E-Transit provides innovative solutions for toll collection and transportation agencies, transit systems, retailers, ports and customs agencies, and more. For more information, contact us at:

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