

Vehicle Recognition Systems

ACTIVE RECOGNITION TECHNOLOGIES, INC.

V-METRICS™ SOFTWARE

Active Recognition Technologies has just released V-Metrics, the world's first effective system that can accurately verify the identity of a vehicle for secure access control.

V-Metrics refers to the capability to accurately verify the color, shape, texture, license plate and other identifying visual characteristics of a vehicle. Once identified, the vehicle can be easily granted or denied access, tracked through a facility or monitored over time.

V-Metrics can be integrated with most gate and security control systems and works day or night, regardless of lighting or weather conditions.



Color matching



Infra-red detection

V-Metrics is ideal for use in North America wherever there are vehicle control points such as toll booths, gates, parking lots, gated communities or secure facilities. V-Metrics can read license plates from virtually every state and region, regardless of whether reflective or non-reflective paint has been used in the plate manufacturing process. Vehicles can be identified by color, make and model and vehicle type.

INTEGRATED DVR FOR ANALYSIS AND INVESTIGATIVE MANAGEMENT

V-Metrics is also a full-featured digital video recorder. A visual record is created of every vehicle that enters or exits a facility. This visual record can be searched for particular license plates, vehicle types, vehicle makes or vehicle colors across whatever time period is required.

This unique feature allows a facility to investigate any incident by providing visual clues to the system. For instance, "Find all blue Chevy Tahoes that entered between 3PM and 6PM last night" would provide an exact, visual response in seconds.

The underlying patented technology relies on a unique combination of an ontology-based visual search engine, neural networking and high-speed video processing algorithms to provide for the real-time processing of events across multiple lanes.



License plate location

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KEY BENEFITS

- Total vehicle recognition including license plates.
- Operates in the North American market where there are multiple license plate templates per state.
- Works regardless of lighting and weather conditions.
- Enables recognition of vehicle even when the license plate is partially occluded.
- Up to four cameras can be monitored using one LPR channel.
- Capture, storage and viewing of license plate and wider overview images (single images or video sequence).



Contour and texture

PRODUCT DESCRIPTION

V-Metrics is a full-featured vehicle access control system with embedded vehicle identification and license plate reading software. V-Metrics is easily installed and can be integrated into most existing gate control and security monitoring systems. V-Metrics also incorporates advanced investigative management features including the automated search and retrieval of any vehicle by color, make, model or license plate.

APPLICATIONS

- Gated Communities
- Toll Booths
- Access control
- Parking Garages and lots
- Border control
- Stolen car alerts
- Traffic surveys

ABOUT THE COMPANY

Active Recognition Technologies is represented exclusively in AFRICA by I-Cube (www.I-Cube.co.za). For more information about V-Metrics please contact:

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