

FastGate™ Facial Recognition

Video Surveillance with Facial Recognition

A secure means of verifying identity.

Advanced Detection Technology's FastGate™ Facial Recognition is a software application for automatically identifying or verifying a person from a digital image taken from real time video surveillance that allows a secure method of access control.

When used in conjunction with other FastGate™ modules, the Facial Recognition component adds an additional layer of security to vehicles and individuals entering your facility. Once a vehicle clears a physical gate using a stop light as a guiding feature, the vehicle's under carriage is inspected and the vehicle's license plate is recorded using a LowCam™ VI110 Under Vehicle Inspection System (UVIS). While this process is taking place, the driver's image is captured with a surveillance camera allowing facial recognition software to compare against a pre-determined database. If all security elements and clearances are in agreement, the vehicle and driver are allowed to enter the facility automatically.

The FastGate™ Facial Recognition surveillance camera can be pole mounted or positioned on a guard booth for easy access to driver.



- >> **Added video surveillance**
- >> **Additional security layer**
- >> **One of many FastGate™ modules**



- >> **In conjunction with LowCam™**
- >> **Run against database**
- >> **Monitor in a safe location**



The **Video Scanner** scans incoming video streams, detects multiple faces and checks for possible “watch list” matches. Operators are notified immediately if match is found to allow them to focus on the identified person instead of observing multiple video screens.

Features

- Real time face tracking on multiple video streams
- Real time face comparison against multiple watch lists
- Real time alarm notification and recording
- Interactive and batch enrollment
- Enrollment from still image, still image camera and live video stream on manual and automatic mode
- High scalability in terms of database size, number of video streams and number of visible faces

Technical Information

- Supports firewire, USB cameras and frame grabber connected cameras
- Windows 2003 Server / XP & Windows 2008 Server
- Linux SLES 9 / 10
- SQL database, Oracle 10g/11g is recommended
- Image Format: JPG, JPG 2000, PNG, BMP, PPM, PGM, XFD
- High scalability in terms of database size, number of video streams and number of visible faces
- Configure multiple video channels independently by frame rate, resolution, interface, etc.



VIDEO SCANNER

The **Image Scanner** surveys databases of biometric identities and other closely related data. This product supports biometric identification, comparison, and verification of persons who are members of a large group.

Features

- Powerful examining tool for image quality enhancement and visual inspection of matches
- Flexible and comfortable match list handling that allows sorting, browsing, rearranging, filtering and more
- Batch and interactive enrollments and identifications
- Extensive and flexible management of additional case related data
- One-to-all and one-to-few identification
- One-to-one verification

Technical Information

- Windows 2003 Server / XP & Windows 2008 Server
- Windows 7
- Linux SLES 9 / 10
- SQL database, Oracle 10g/11g is recommended
- API Programming Languages: C++, Web services API
- Image Format: JPG, JPG 2000, PNG, BMP, PPM, PGM, XFD
- Multiple inspection views and image enhancement features
- Stores case-related data, like name, year of birth, gender, etc.
- Interactive enrollment



IMAGE SCANNER

