SMART SECURITY

Empowering manufacturers and integrators with intelligent solutions for physical security and surveillance.

LICENSE PLATE RECOGNITION
Detect a License plate
Extract License plate details
Compare to stored data base

FACE RECOGNITION
Use facial landmarks to identify faces
Compare facial features against a database of faces

INTELLIGENT VIDEO ANALYTICS
Over 12 rule-based analytics
Embedded for OEM's
PC based for System Integrators

INTELLIGENT TRAFFIC SYSTEM ANALYTICS
Traffic metrics
Vehicle counting
Trends and analysis

SMART RETAIL

Empowering retailers with smart analytics and insights for store operations and customer trends.

CUSTOMER COUNTS
Analyze customer traffic and dwell times
High accuracy, scalable

CUSTOMER METRICS
Age
Gender

QUEUE MANAGEMENT
Line counts
Wait times
Averages and trends

HEAT MAP
Customer path and traffic analysis
High traffic vs. low traffic areas

SMART HOME

Enabling Smart Home offerings for service providers & camera vendors.

STANDARD ANALYTICS
Intelligent motion detection
Intrusion detection
Camera tamper detection

ADVANCED ANALYTICS
Human detection
Face detection

CLOUD TO CLOUD ANALYTICS
Video search
Video summary
Standard and advanced analytics

IntelliVision
The Leader in Intelligent Video Analytics

ABOUT INTELLIVISION

IntelliVision is a market leader in "Intelligent Video Analytic and Smart Camera solutions." IntelliVision provides video analytics solutions for several markets including Smart Home/IOT, Security, Smart Retail Business, big data analytics and video search. Its products are used by Fortune 500 companies, the United States Government, and many leading brands around the world. IntelliVision is head-quartered in San Jose, California with offices in Asia and Europe.

6203 San Ignacio Avenue, Suite 112
San Jose, CA 95119, US
P: 408-754-1690 F: 408-865-7887
sales@Intelli-Vision.com
www.Intelli-Vision.com

INTELLIGENT VIDEO
iVMD, VideoSearch, Video Summary, Line Cross/Virtual Fence, Video Counter, Intrusion Detector, Camera Tamper, Object Left Detector

FACE RECOGNITION
Detects, Recognizes, and Records People's Faces

LICENSE PLATE RECOGNITION
Detects, Recognizes, and Records Vehicle License Plate Information

SMART SECURITY
License Plate Recognition, Face Recognition, Intelligent Video Analytics, Intelligent Traffic System Analytics
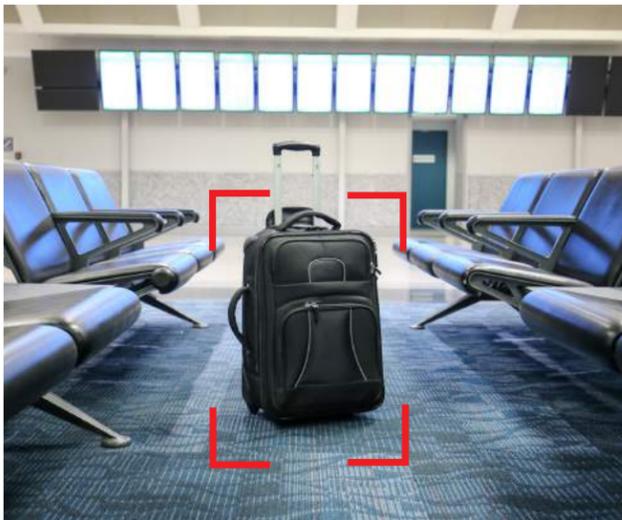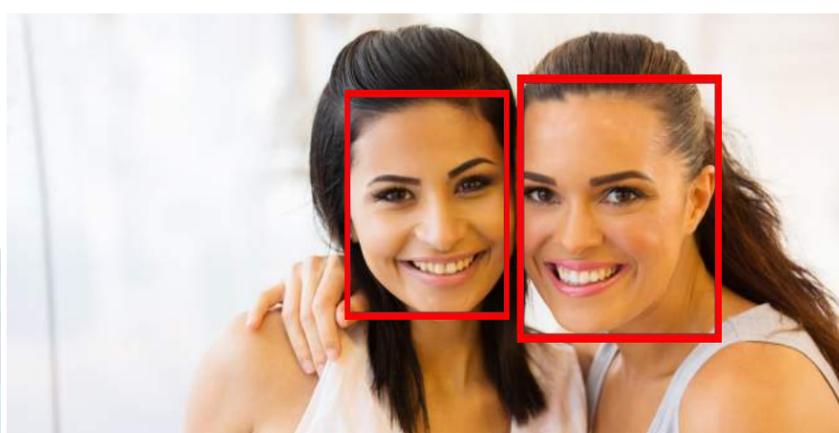
SMART RETAIL
Customer Counts, Customer Metrics, Queue Management, Heat Map

SMART HOME
Intelligent Motion Detection, Intrusion Detection, Camera Tamper Detection, Cloud Analytics, Video Search and Summary, Face Detection

IntelliVision

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INTELLIVISION INSIDE

IntelliVision provides embeddable solutions for OEMs. These are available as software toolkits and hardware boards based on ARM processors, and custom video processing chips. Contact us for more information on our OEM Embedded Solutions.

IntelliVision's customers & partners include: US Government, Leading Security System Vendors, large System Integrators, leading Camera, DVR and NVR vendors, and Fortune 500 companies.

INTELLIGENT VIDEO

Intelligent Video Motion Detector (iVMD)™
Intelligent VMD analyzes video in real-time and detects valid motion in a scene. It filters out "noise" such as lighting changes and animal movements. iVMD can be used for providing real-time alerts and start/stop commands to DVRs, NVRs or other archival systems.

VideoSearch™
VideoSearch is primarily used for forensic purposes to scan video archives and retrieve images very quickly. VideoSearch provides searches based on specific parameters of interest, and can easily be embedded in DVR or NVR products.

Line Cross/Virtual Fence™
Line Crossing is a powerful, easy-to-deploy intelligent video analytics application. Line Crossing detects moving objects in real time; if an object crosses the designated line then an alarm will be triggered and the object will be marked with a bounding box.

Video Counter™
Video Counter is an intelligent video-based counting solution. It processes video streams in real-time to count people, vehicles and other objects.

Object Left Detector™
Object Left Detector monitors an area to detect an object that has been left unattended in places like airports. It looks for objects that are not part of the "normal" scene and issues alerts upon detecting exceptions.

Camera Tamper™
Camera Tamper automatically detects camera failure or sabotage. The product detects any attempts to tamper with the camera: for instance, partially or completely blocking the camera lens or changing the camera angle.

Intrusion Detector™
Intrusion Detector provides automated perimeter monitoring and secure area protection. Intrusion Detector filters out noise such as lighting variations and tree movements, and issues real-time alarms upon detecting valid people or vehicle intrusions into a secure area.
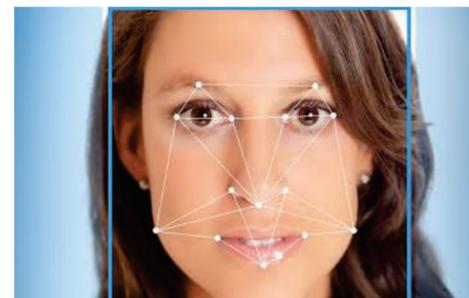
Video Summary™
Video Summary is a fast and powerful application that reduces a long, archived video into a manageable video summary. Video Summary can receive video input from many different types of video archives recorded on DVRs, NVRs, or video management systems.

FACE RECOGNITION

Face Recognizer™
This product detects, recognizes and records people's faces that appear in a camera's field of view. It identifies/verifies one or more persons in the scene using a stored database of faces. The product's detection capability allows it to identify and extract human faces in a camera's field of view and record them as images. The product's recognition capability allows it to search an existing database of faces and compares them with the faces detected in the scene to find a match.

LICENSE PLATE RECOGNITION

License Plate Recognizer™
This product detects, recognizes and records vehicle license plate information. It captures the information on the license plates detected in the scene. It searches and compares this information against a stored database of license plates to find a match. License Plate Recognizer is used for vehicular access control in parking lots and garages and for calculating related metrics such as duration of stay, and frequency of visits.

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