AI/Deep Learning-Based Video Analytics for Smart Cameras

Deployed in over 4 million cameras worldwide and using a combination of AI and deep learning, IntelliVision puts the smart in smart camera.

Face Recognition / License Plate Recognition / Intelligent Video Analytics / Audio Analytics / Video Summary

www.intelli-vision.com
AI/Analytics Products

Intelligent Video Analytics
IntelliVision has the widest offering of AI and deep learning-based Intelligent Video Analytics in the market today. These products form the basis for all of IntelliVision’s analytics products, analyzing video content in real-time, extracting just the valid motion in a scene and filtering out noise such as lighting changes and animal movements. Analytics can be integrated in-camera, on-premise servers, and/or on-cloud. Key product features include: motion detection, object classification (human/pet/vehicle etc), intrusion detection/line crossing, people/vehicle counting and object left/removed.

Facial Recognition
IntelliVision’s Face Recognizer™ product is a highly accurate, deep learning-based facial recognition solution that uses a stored database of faces to detect, recognize and record people’s faces that appear in a camera’s field of view.

Audio Analytics
IntelliVision provides a powerful and accurate range of audio analytics that can recognize a wide variety of typical sounds such as baby crying, glass breaking, smoke/fire alarm, dog barking and gunshot.

Video Summary
Video Summary reduces a long, archived video into a short, manageable video summary. It reduces the time required to analyze archived video by removing unnecessary video data such as static or empty scenes while retaining the relevant data. This allows security professionals or homeowners to quickly review hours of archived video in minutes.

License Plate Recognition (LPR/ANPR)
IntelliVision’s License Plate Recognizer™ is a deep learning and AI-based license plate detection, recognition and search solution with an accuracy as high as 98%. It supports processing of single frames, archives and video streams.
IntelliVision’s Smart Home solution consists of a number of products that address different facets of the connected home, from security and asset protection to baby monitoring and pet watching. Intelligent motion detection ensures zero false alarms. Features include object left/removed, zone intrusion/exit, person detection, pet tracking, facial recognition and video summary.

IntelliVision offers a complete suite of video intelligence and analytics products for the security and surveillance market including intelligent video motion detection, camera tamper detection, intrusion detection, line crossing, object left/removed, loitering, person/vehicle counter, facial recognition, license plate recognition and video summary.

IntelliVision’s Smart Retail solution provides a number of services that can deliver the information needed to streamline decisions in the retail environment. The Smart Retail solution takes advantage of smart cameras combined with analytical software to gather data on store operations and customer trends. Key features of IntelliVision's Smart Retail include ad metrics/dwell analysis, facial recognition, customer count/minutes, intrusion detection, queue manager, traffic/heat map, management dashboards.

The Smart City/ITS solution takes advantage of smart cameras combined with video analytics software to add intelligence and monitoring to city transport, security and parking applications, and is being used in cities around the world. IntelliVision Smart City/ITS features analytics such as traffic metrics and monitoring, license plate recognition (LPR/ANPR), people and vehicle tracking, zone detection and intrusion.

IntelliVision’s Smart Auto/ADAS product suite provides luxury car features in an aftermarket solution. A simple camera running our analytics software, mounted on the windshield of any vehicle, turns into a powerful and flexible driver assistance solution. Algorithms and outputs are customizable and the software architecture is adaptable and portable onto mobile platforms. ADAS products can also be run through a common car DVR. Features currently offered are forward collision warning, lane departure warning and pedestrian crossing warning.
Why IntelliVision?

IntelliVision is a market leader in AI and deep learning-based video analytics and video cloud software. IntelliVision solutions provide actionable insights for security and monitoring in Smart Home, Smart Enterprise and Smart City applications, business intelligence for Smart Enterprise and Smart Retail, and Advanced Driver Assistance Systems (ADAS) for car/road safety in automobiles.

Including more than 125 patents, IntelliVision software runs in over 4 million cameras around the world. So it’s no wonder that the leading camera chip vendors recommend IntelliVision for their SoCs. Our portfolio of intelligent video and audio analytics products is unmatched in the industry, allowing System Integrators and solution providers to build market-leading solutions across many different markets.

Awards and Recognition

IntelliVision’s superior technology and forward thinking have been recognized by the following industry watchers:

Global Presence

IntelliVision is a global organization with sales and support centers in the USA, Europe and Asia. And with a worldwide network of partners, you and your project are never far away from IntelliVision products, skills and talent.

About IntelliVision

IntelliVision is a market leader in AI and deep learning-based video analytics and video cloud software for smart cameras. IntelliVision solutions provide actionable insights for security and monitoring in Smart Home, Smart Enterprise, Smart City, Smart Retail and Smart Auto/ADAS applications. IntelliVision is a privately-held company with headquarters in San Jose, California and offices in Asia and Europe.

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