

Augmented Vision

Video analytics for a safer environment

Augmented Vision is a video analytics solution that helps survey and protect buildings, infrastructure, and areas of interest by making sense of all available data. It employs the best of IDEMIA's technologies to provide comprehensive security and awareness. Serving a variety of customers and use cases, the solution provides flexibility and robustness for biometrics, video analytics, and security, both at home and in the field.

WHY AUGMENTED VISION

Providing incident security, frictionless access, and secure privacy, Augmented Vision is used by customers in a variety of domains. The immense volume of video and image data available in these domains is combined with IDEMIA's top-ranked 1:N facial recognition to protect areas of interest across the board in real time.

REAL-TIME VIDEO ANALYTICS

- Identify and track high-risk and vulnerable persons of interest across multiple cameras.
- Extract and capture faces of pedestrians and motorists, license plates, vehicles, and other video data.
- Trigger live alerts for awareness across the entire area of operation.

EDGE-EMBEDDED COMPUTING

- Designed for ease-of-use and fast deployment on the NVIDIA Jetson compute platform.
- Provides full system capabilities in a high performance, low-power computing package.
- Allows for standalone and hybrid deployments to accommodate all customer use cases and environments.

Key Benefits

**FACILITATES
FRICTIONLESS ACCESS**

**EFFICIENT REAL-TIME
AND POST-EVENT
VIDEO ANALYTICS**

**EASY TO USE, FAST
TO DEPLOY**

**VERSATILE: SCALABLE
STANDALONE AND
HYBRID DEPLOYMENTS**

**APPLIES IDEMIA'S
TOP-RANKING FACIAL
RECOGNITION
ALGORITHMS FOR FAST,
FRICTIONLESS
IDENTIFICATION**



POST-EVENT VIDEO PROCESSING

- Automatically recognizes, records, and classifies persons and objects of interest.
- Improves suspect or person-of-interest traceability and detects interpersonal associations.
- Allows a single workstation and analyst to process largescale cases quickly and efficiently.

BIOMETRIC ACCESS CONTROL

- Applies top-rated facial recognition algorithms to provide fast, frictionless identification.
- Protects and alerts against suspicious actions such as tailgating, spoofing attempts, and more.

CAPABILITIES:

- Facial recognition
- Pedestrian detection
- Vehicle detection
- Color filters
- Object linking
- Meta-tagging
- Geo-tracking
- License plate recognition
- Event analytics
- Event prioritization
- Parallel processing
- Collaboration
- CCTV integration
- Hybrid deployments
- Embedded compute
- Scalability