INTRADA® ALPR

ALPR SOFTWARE LIBRARY AND VEHICLE ANALYTICS

OVERVIEW

Intrada® ALPR is the premiere software library solution for automatic license recognition and vehicle video analytics.

Suitable for ALPR/ANPR projects including OEM applications such as ALPR cameras, value-added functionality in embedded devices, traffic back offices, and video analysis software, Intrada ALPR is used worldwide for:

- Speed enforcement
- Parking
- Access control
- Low-emission zones
- Congestion charging.

Intrada ALPR supports over 200 states and countries worldwide with continuously updated license plate modules. Our dedicated team continuously updates the active plate library ensuring systems promptly accommodate new license plates.

Every system comes standard with vehicle video analytics, enhancing automation rates and bolstering system reliability. All analytics receive extensive training with real-world data sets from worldwide sources and operations.

Our flexible pricing plans ensure that the Intrada ALPR technology fits any budget.

BENEFITS

- Integrates onto any platform with device-agnostic technology
- Offers flexible pricing plans for projects and budgets of any size
- Supports 200+ countries and states with an automatically-updating plate library
- Maintains accurate reads even in adverse conditions
- Identify hazardous goods transport or vehicle make, model, color, and class with available extensions
- Unlock next-generation video toll transaction processing by combining with Intrada Insight

Deployable with support worldwide
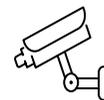
Next-gen plate reading accuracy

Integrates easily to any platform
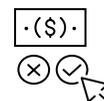
Flexible pricing for any budget

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FEATURES

MULTIPLATFORM

- Vendor-agnostic system integrates with any camera, back office, or vehicle registration database
- Runs on a variety of hardware and OS systems
- Software development kit (SDK) free with every license
- Outputs multiple image and video formats

VEHICLE ANALYTICS EXTENSIONS

- Standard with Intrada ALPR
- Extensions train on real-world data for reliable accuracy
- MMR extension identifies vehicle make and model
- Vehicle color and class extensions aid surveillance, law enforcement, and tolling/road use charging
- Dangerous goods extension reads Kemler Codes, UN Substance IDs, or empty signage

TECHNICAL SPECIFICATIONS

API language support:	C, C++, C#, and other .NET based languages
Available bindings:	Java, Python
Image file formats:	JPG (8bit/12bit), TIFF, BMP, PNG
Raw image formats:	8bit grayscale, 8bit Bayer (CFA), 12bit grayscale, 24bit RGB, 36bit RGB, YCC 4:2:2, YUV 4:2:0
Video triggering:	Available
Video formats:	MJPEG, H.264, RTSP, RAW frames (in memory)
Hardware Platforms:	Intel 32 or 64 bit, ARM, DSP, PowerPC
Operating System:	Windows, Linux, Android
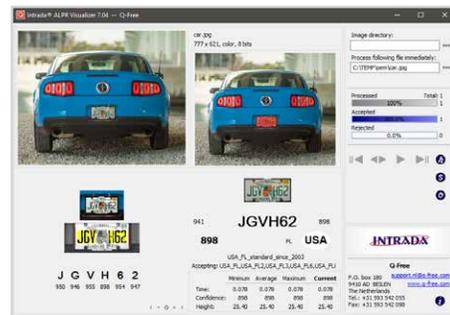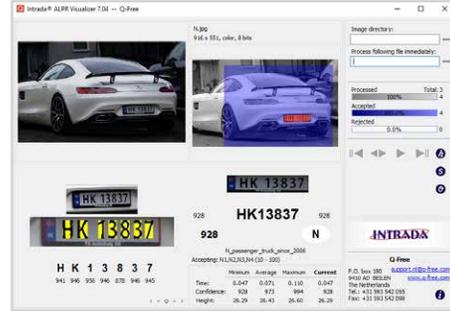
INTRADA INSIGHT

Add Intrada Insight to Intrada ALPR for unparalleled video toll transaction processing and image review performance to reduce operating expenses and maximize revenue.

- World-class, unmatched automation rates and read accuracy of 99.95%
- Integrated manual image review (MIR) increases operator efficiency and lowers error rate, review time, and operating costs
- Automatic image review (AIR) trains and learns from MIR verification for improved automation, lower manual review rates, and increased efficiency across both systems