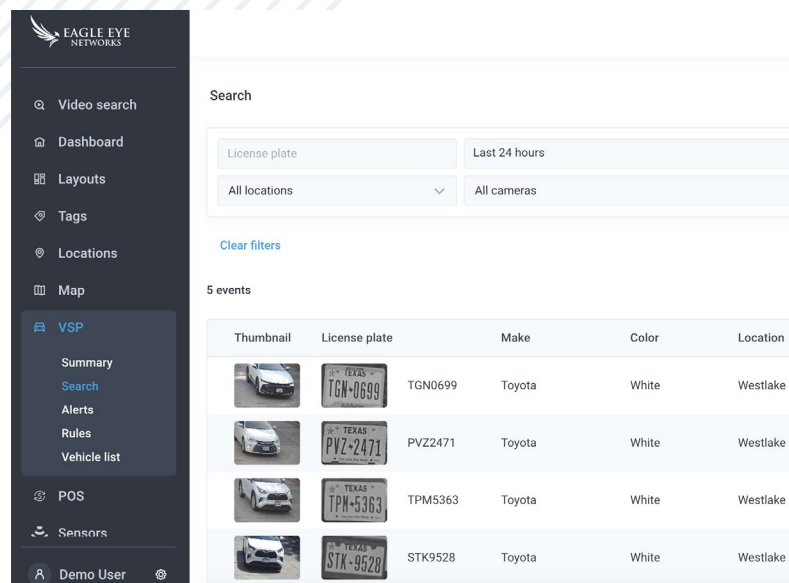


# License Plate Recognition (LPR)



## Features

- Capture nearly all license plates
- Available as on-site or on-cloud analytic
- Seamless accuracy with updates
- Works with any ONVIF camera
- Open API for easy integration

## Recognize plates even in challenging conditions.

- Non-standard license plates
- Dirty number plates
- Fast-moving vehicles
- Poor weather conditions
- Different fonts
- Stacked characters

## Get the most accurate solution for capturing license plates.

Eagle Eye LPR uses AI and machine learning, based on millions of plate/vehicle images, to deliver accurate results, even in challenging conditions. The system can operate without on-site hardware or expensive LPR cameras. Maintenance, development innovations, and updates are instantly delivered to customers via the cloud.

Built to operate with the Eagle Eye Cloud VMS, LPR converts ONVIF-compliant surveillance cameras into license plate readers. The Eagle Eye DB14 camera is optimized for this application and is a recommended component of an LPR deployment.

## Unlocking new opportunities with cabinet systems

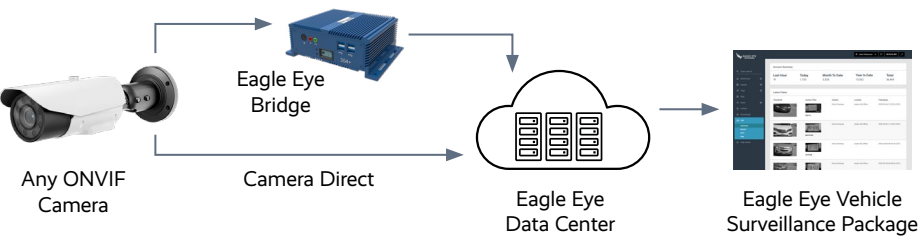
Eagle Eye LPR can be delivered either as a low-latency bridge-based analytic suitable for real-time access control applications, including parking gates, or as a cloud-based analytic suitable for remote deployment where network cabling and additional equipment is impractical.



## LPR is better with VSP

Eagle Eye LPR is a video analytics solution that processes the video and extracts license plate information. VSP (Vehicle Surveillance Package) is our data analytics platform, which stores license plates and performs analysis on those plate reads. This allows for vehicle-specific alerts and rules to be defined. Some examples of this would be notification of unauthorized access or the presence of a hotlisted vehicle, authorize/allow vehicle, and raise an alert.

ARCHITECTURE DIAGRAM



**LPR Activation Service is required with all new purchases to ensure proper setup.**

This service expands your technicians' knowledge, prevents costly installation errors, and optimizes video performance, guaranteeing maximum end-user satisfaction and long-term savings from day one.

PART NUMBERS

EN(i)-ANA-020	<b>Eagle Eye LPR Analytics</b> This base LPR option enables license plate reading from video data. This is the best option for recording vehicle movement at gates, entrances, or within traffic.
EN(i)-ANA-022	<b>Eagle Eye Analytic LPR w/LocalID</b> This option is used for access control applications where a local ID of the vehicle is generated and verified for access control, ensuring the system works even during internet outages. The data is pushed to the cloud once the internet resumes. NOTE: This part number corresponds to access control offerings with both Brivo & Moxa I/O at present.
EN-COM-010	<b>Eagle Eye LPR Implementation Services</b> This service expands your technicians' knowledge, prevents costly installation errors, and optimizes video performance, guaranteeing maximum end-user satisfaction and long-term savings. NOTE: This is required for all LPR purchases.
EN-PA001	<b>Eagle Eye Vehicle Surveillance Package (VSP)</b> This is our data analytics platform, which stores license plates and performs analysis on those plate reads. Integrated with LPR and other third-party LPR systems, VSP is fully integrated with Eagle Eye Cloud VMS, enabling video playback for license plate captures to drive detailed investigations.

SUPPORTED HARDWARE AND NUMBER OF CAMERAS

Bridges/CMVR	Max Cameras*	Max LPR Cameras for Gate/Street Configurations	Additional Analytics*	Local Display
304+/324+	5	1/0	0	No
401/403/420	5	2/1	0	No
401ai/420ai	15	4/2	5	No
406+/426+	10	2/1	2	No
524+/504+	10	4/2	2	No
501/520	15	4/2	5	Yes
620e/701/820/820e/901	50	8/5	10	Yes

- \*Refers to the maximum number of cameras and analytics supported on the Bridge/CMVR when utilizing LPR.
  - "Gate" refers to vehicles traveling at a maximum of 10 MPH (20 KMPH), while "Street" refers to vehicles traveling at a maximum of 30 MPH (50 KMPH).
  - The numbers specified for the LPR camera are the maximum for either Gate or Street settings on a bridge.
- The max resolution supported for the LPR camera is 2MP (HD2).
  - Eagle Eye LPR does not support Multisensor or Fisheye cameras.
  - Cameras enabled for LPR should be added to VMS as ONVIF cameras.

Key considerations

Reliable plate reads require high-quality image capture. To ensure sufficient quality, Eagle Eye LPR recommends the following baseline specifications:

- Resolution**

1920 x 1080
- Frame rate**

30 FPS
- Lens focal range**

8 to 32 mm or 5 to 50mm
- Controls**

Manual control for exposure and gain
- Image enhancement**

HLC, BLC
- IR range**

70 meters or better

Learn more

