



QRO SOLUTIONS & FORECR CASE STUDY



Advancing Surveillance and ANPR Technology

INDUSTRY

Security & Surveillance

APPLICATION

Real-time ANPR (Automatic Number Plate Recognition) and advanced surveillance solutions.

PRODUCT USED

Forecr's Carrier Board with NVIDIA Jetson Processors



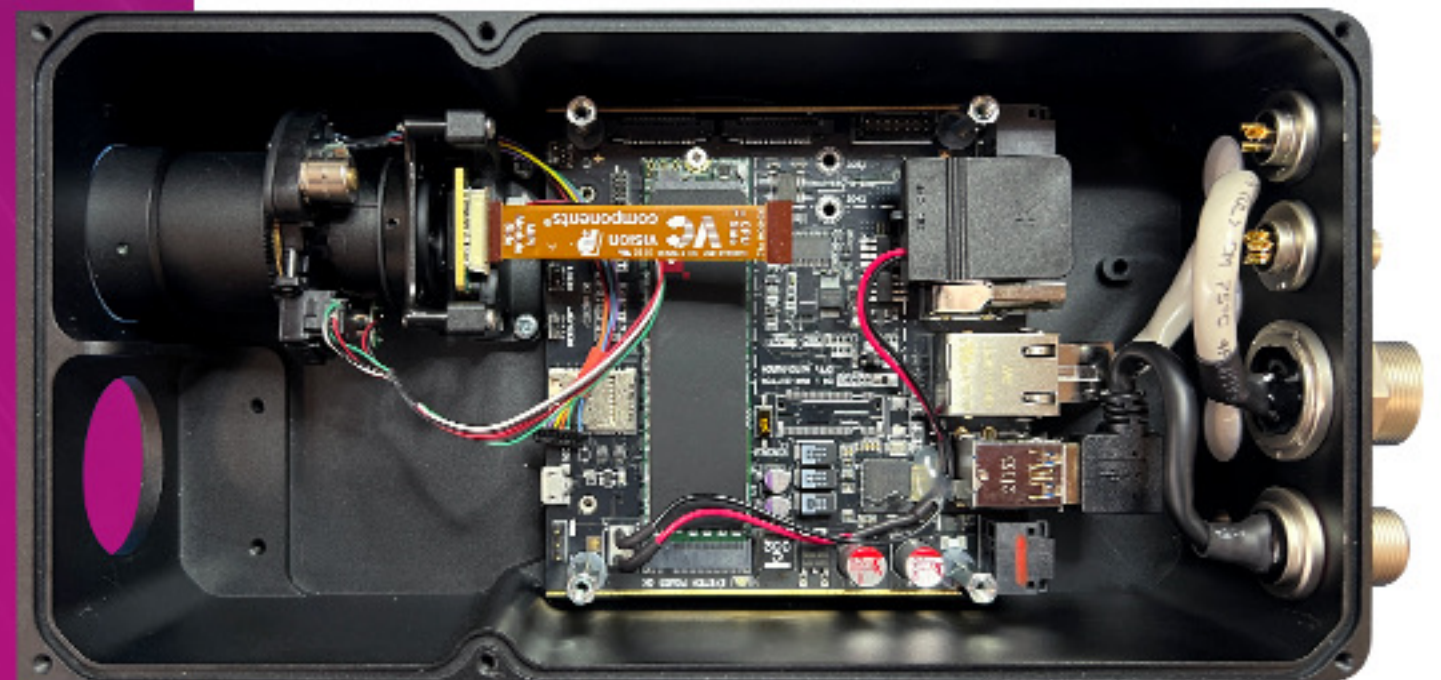
PROJECT

NASBox ANPR SYSTEM

- ◆ A standalone camera interface unit that seamlessly delivers ANPR data to existing back-office or ANPR management servers.
- ◆ Supports up to two high definition ANPR cameras.
- ◆ Features multiple communication protocols, including 4G/3G, Wi-Fi, LAN and GPS.
- ◆ Designed for outdoor environments with an IP67 environmental rating.

QBOX ANPR SYSTEM

- ◆ In-vehicle ANPR solution supporting HD functionality for up to three lanes from a single camera.
- ◆ Real-time processing of all vehicles passing through the camera's field of view.
- ◆ Compatible with any ANPR management server, enhancing intelligence-gathering capabilities.
- ◆ Reliable, operator-free operation, making it cost-effective and ideal for emergency services.
- ◆ Optional Digital Video Recording functionality incorporated on existing system.



OBJECTIVE

REAL - TIME INSIGHTS

Ensures accurate, operator-free vehicle monitoring for enhanced intelligence gathering.



POLICE



FLEXIBLE AND SCALABLE SOLUTIONS

Modular designs with NVIDIA Jetson modules for future upgrades and adaptability to diverse use cases.

SOLUTION

HARDWARE INTEGRATION

The collaboration between QRO Solutions and Forecr focuses on enhancing the performance, reliability, and scalability of QRO's ANPR and surveillance systems through Forecr's high-performance carrier boards and NVIDIA Jetson modules.



KEY BENEFITS

- ◆ High-performance carrier boards enable real-time data processing.
- ◆ Scalable solutions tailored for demanding surveillance applications.
- ◆ Industrial-grade durability for reliable outdoor and in-vehicle operations.



IMPACT

Why QRO Choose FORECR as Their Hardware Partner

“The reason QRO chose FORECR as a significant contributor to our projects is because their boards align perfectly with our technical requirements, offering the specification and functionality needed to power our systems effectively. In addition, their competitive pricing provides us with cost-effective solutions that help maintain our edge in a highly competitive industry. Just as importantly, FORECR’s strong customer support has proven invaluable, being responsive and reliable, they help us minimize downtime and ensure smooth execution across all stages of our projects.”

Gary Austin

Managing Director at QRO Solutions

WHY QRO CHOOSE NVIDIA JETSON MODULES

Scalability

Allows seamless upgrades and flexibility for future projects.

Performance

Delivers robust computing power needed for real-time ANPR processing.

Availability

Ensures consistent supply and support for ongoing operations.

Support

Comprehensive developer resources and community engagement.



Wondering about the full story of our use case with QRO for Real-time ANPR (Automatic Number Plate Recognition) and advanced surveillance solution?

Read the full case study to find out!

