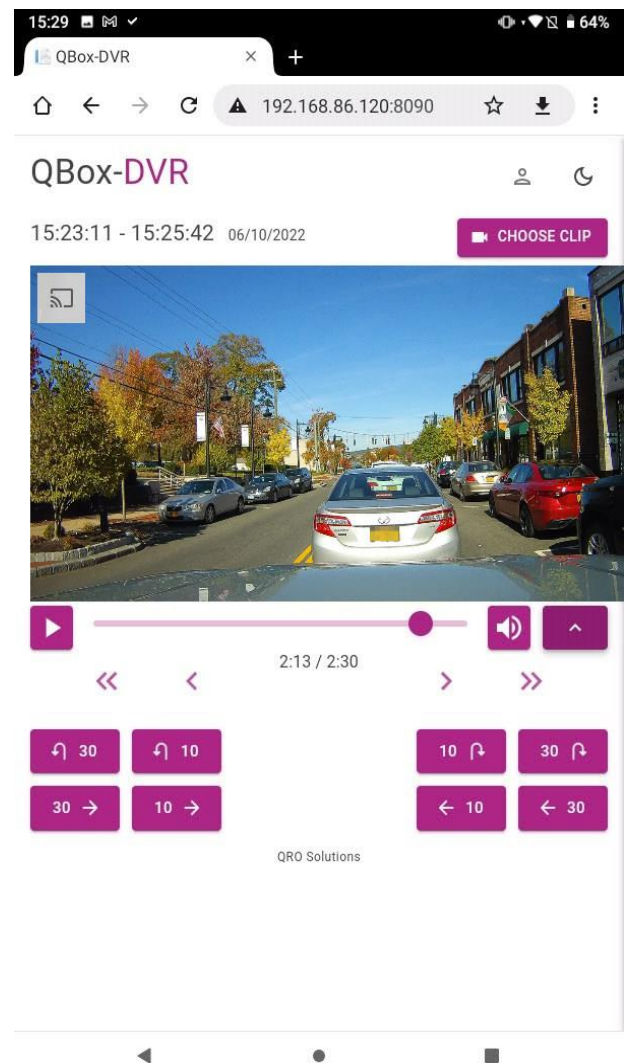# In-Vehicle ANPR / DVR

QRO's latest in-vehicle ANPR and video recording solution.

QRO's QBOX platform paired with our Merlin IP ANPR cameras offers HD capability for up to 2 lanes of ANPR from a single camera. The QBOX replaces the traditional windows PC platform which is Linux based running the ANPR engine and managing wireless/4G/5G communications for onward transmission of data to the force management server. This can be paired with our IAC Android application for viewing alerts on a mobile phone or tablet, negating the need to install a screen in the vehicle. The ANPR Solution can now be complemented with the addition of 2 HD Video recording cameras, forward facing and internal/rear.

QBOX receives an IP video stream from the Merlin camera to allow the onboard ANPR engine to process in real time for every vehicle passing the cameras field of view. This data can then be augmented (for example by the incorporation of GPS co-ordinates and the application of meta-data to images) before being transmitted to a wide range of back-office systems using industry standard proto-cols such as UTMC and BOF2. QBOX will support up to 2 cameras. Wired to the ignition the system can auto boot on ignition on and shut down on ignition off.

Paired with 2 mini-HD recording cameras which can be neatly hidden up by the rear-view mirror without interfering with the airbags or drivers view to get a full CCTV event driven in vehicle video solution. Triggers can be from a manual button or linked to the 999's. pre and post buffers can be set to in-sure no evidential video is lost. GPS speed along with street names are over-laid on the video. Video can be uploaded to QRO's multimedia vault solution or interfaced into the force video management system.

Paired with the QRO CSGS Server application, Android IAC offers the ability to display vehicle alerts in a REG109 compliant interface. This can be configured to display local alerts locally from the cameras installed in the vehicle as well as receiving fixed camera alerts from the force fixed site infrastructure. Camera groups can be setup, or we can geofence the device to receive alerts within a specified range of a fixed site camera. Full vehicle details can be viewed when the device is moving under 7mph.

qro solutions
ANPR Technology

In-Vehicle ANPR / DVR

Smart Features

- Cost effective 2 camera ANPR and 2 camera video recording solution.
- When linked to the QRO Management Server via QRO's Instant Alerting Console (IAC), local vehicle and fixed camera site alerts displayed through Mobile phone or tablet.
- Can be used simply for intelligence gathering with any ANPR Management Server.
- Screenless solution, alerts viewed from a mobile device.
- Unobtrusive Merlin camera 3 MP single lens High-Definition IP— colour reads through daylight hours automatically switching to IR at night to give 24/7 capability.
- Exceptional ANPR performance utilising the Vaxtor ANPR engine.
- Simple installation reducing further overall costs for in-car ANPR capability. QBOX has no fan so doesn't require air flow when installing allowing for easier installation.
- Offers in-vehicle ANPR to a wider range of vehicles within the police fleet.
- Integration with third party video storage solutions.