

MAV Rapier IQ

QRO's re-deployable, zoomable, High-Definition, intelligent ANPR camera.



The Rapier IQ range are "cost effective" intelligent High-Definition ANPR cameras incorporating full data delivery utilising UTMC version 1.2 and BOF2 Web Services, to the QRO ANPR Management Server product. With the increase in demand for intelligent High-Definition ANPR cameras arriving in the marketplace, functionality and price are becoming key differentiators between the multitude of current offerings. QRO worked in partnership with MAV to deliver a complete end-to-end roadside ANPR system utilising a cost-effective function rich High-Definition intelligent ANPR camera at the client end and utilising the latest UTMC Version 1.2 and or BOF 2 Web Services data protocols to deliver the ANPR results to the QRO ANPR Management Server.



The Rapier 250/350IQ is built upon the already successful camera and illuminator combination from the Rapier 50, which is capable of reading number plates up to 50m (250IQ) or 30m (350IQ) and provide night-time visible make and model monochrome images from the overview camera at distances up to 25m. Both cameras are fitted with motorised zoom lenses, providing 8m (250IQ) and 12m (350IQ) field of view.

Access to the cameras, for setup and commissioning purposes are via a standard web browser interface with password protection available for the administrator functions such as data format, ANPR engine type, network configuration. An external 3G/4G/Wi-Fi/GPS dual sim modem router is housed in a small environmental enclosure along with the cameras Power Over Ethernet (POE) power supply. This would allow for cameras within the vicinity to employ a single modem for data transmission by utilising a Wi-Fi connection to a single router modem negating the need for a SIM per camera.

Specifications

Compatibility

Fully tested data integration with QRO's ANPR Management Server.

Coverage

8m (250IQ).
12m (350IQ).

Imaging

Visible nighttime overview image capture.
Image cropping to meet NASP file size requirements.

Power

14 Watts power consumption lending itself to wind and solar powered options.

Support

Optional NASP testing module onboard to allow for easier scoring of the camera performance.

Systems

UTMC version 1.2 and BOF2 Web Services.