



**MAV**  
AiQ

# Recognition of more than just License Plates



## Dual Colour, IR & White Light ANPR Recognition Camera

The MAV AiQ provides 24-hour vehicle processing with colour, IR and/or white light plate reads for high accuracy. Dual-camera, zero-light capture with multi-frame comparison ensures consistent, reliable match results.



## Seamless Setup and Integration

The MAV AiQ is easy to set up with browser-based configuration and API integration. It uses a quad-core processor and GPU for real-time, high-resolution ANPR and extra processing capacity.



## Motorised Night-time Imagery

The MAV AiQ has dual 1080p cameras for colour and IR, motorised zoom lenses, and maxIRange™ IR lighting for up to 50m capture, ideal for multi-lane, low-light conditions.



## Superior Performance & Reliability

With dual cameras, zero-light detection, and multi-frame 'best match' tech, the MAV AiQ reliably captures masked and illegible plates, ideal for European traffic enforcement.



## Global Plate Recognition

Colour recognition and embedded AI for typeface identification across multiple regions ensures the MAV AiQ offers consistent accuracy of vehicle origin and additional metadata for system processing.



## Environmental Systems Support

The MAV AiQ offers system opportunities via customisable API's to obtain emissions data amongst a wide range of supporting metadata from various external sources.



## Make Model Colour

Optional recognition opportunities include vehicle colour, make, model & category to support plate origin and license plate capture to provide accurate vehicle details and extensive metadata for intelligent vehicle solutions.



## Enhanced Back Office Capabilities

The MAV AiQ boosts efficiency with increased data generation and split-data transfer, helping European traffic agencies manage and utilise data for road safety compliance.



**MAV**®

ANPR TECHNOLOGY FOR  
INTELLIGENT TRAFFIC SOLUTIONS

AI ACCURATE™

GHOST PLATE™

PLATE PATH™

MTO GUARD™

MAV  
AiQ

## Standard Features

- ANPR Engine
- Make, model colour and category identification
- GhostPlate™ detection
- Direction control (Bi-directional) / Motion detect
- Counterfeit and masked plate capture
- PlatePath™ - Vehicle pathway tracking
- Global plate recognition
- Colour, IR and white light recognition
- Zero light capture
- Split data transfer

Building on the foundation of the market leading IQ cameras, which reimagined expectations for ANPR technology, the MAV AiQ expands the possibilities by offering a tailored approach to solution development. With advanced capabilities, this new technology is engineered to transform data capture, analysis, and system outcomes.

## Personalised Solutions for Every Sector

MAV recognises that each application is unique. With the MAV AiQ, partners can select the features most relevant to their specific objectives, creating a system that perfectly aligns with project goals. This customised approach benefits a wide range of industries, including law enforcement, traffic management, parking systems, and urban infrastructure development.

- For government and enforcement agencies, tools such as the panoramic context camera, precision GPS, and TPM chip deliver unparalleled accuracy, security, and evidence reliability.
- In traffic enforcement and intelligent transportation systems (ITS), enhanced survey functions, video analysis, and traffic violation detection provide deeper operational insights and broader application possibilities.
- Parking operators benefit from AI-driven optimisation, which significantly improves the accuracy of plate recognition systems, boosting overall system efficiency and revenue return.

## White Light Illumination Options

The MAV AiQ is available with a variety of illumination options (White Light, 740nm, 850nm, Blended combinations). These variable illumination options allow for the identification of non reflective / modified plates in all conditions and adds an additional layer of security to plate detection in high risk and security environments further supporting critical infrastructure.



## Customisation options

- Wide-angle context camera
- Self camera audit
- Pedestrian survey
- Traffic survey
- Video analytics
- MTO Guard™ - Moving traffic offence solutions
- TPM chip for enhanced security
- High precision GPS module
- AI Accurate™ - AI driven 'best match' facility
- In-built router
- Optional radar integration



Scan for all MAV  
AiQ features