

VECTOR INTEGRATED ANPR CAMERA

Vysionics' Vector integrates the industry-leading ANPR processor with a state-of-the-art dual-camera imaging system as a single unit, removing the need for a separately housed processor at the camera location. The product facilitates the flexible combination of ANPR and overview cameras, pulsed LED illuminators and ANPR processor, to suit the client's application precisely. This enables any pairing of monochrome, colour or day-night cameras with covert infrared or visible illuminators.

Vector can operate automatically, auto-detecting vehicles as they pass through the field of view, or may be linked to an external trigger, for weigh in motion capture or other applications where only specific vehicles are required to be identified. The adaptable system works in all weather and lighting conditions and may be configured to read characters in formats issued by all countries. During darkness, Vector uses cost-effective integral pulsed LED illumination, and the light may be either visible or covert.

KEY FEATURES

- Single unit integration of processor and dual-camera imaging system
- Flexible combination of cameras, illuminators and processor
- Optional automatic operation
- Adaptable to all weather and lighting conditions
- Reads characters in formats issued by all countries
- Accommodated within Solar Intelligent Platform (IP)

TECHNICAL SPECIFICATION

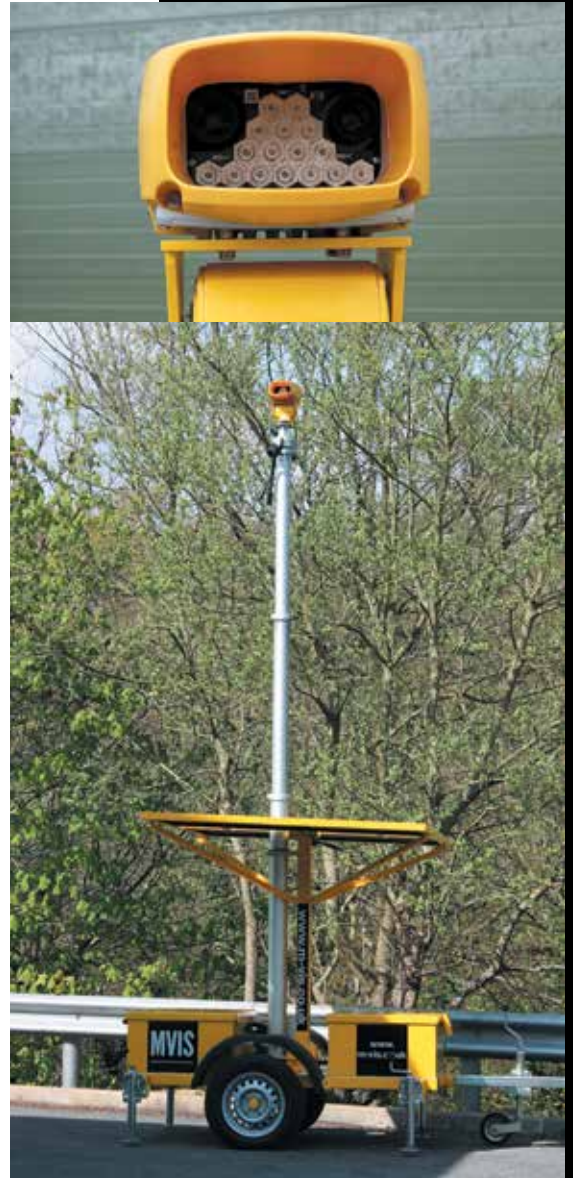
ANPR CAMERA SENSORS

Sensor type and size: Monochrome camera, 1 1/8 CMOS sensor, equipped with infrared narrow band pass filter and C/CS lens mount

Format and resolution: Digital, 1280(H) x 1024(W) pixels

Field of view: 2-lane ANPR up to 6.5m field of view with same or multi-direction capture

IR filter: 850nm infrared illumination



CONTACT DETAILS

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OVERVIEW

Sensor type and size: Colour camera, 1 1/8 CMOS sensor, equipped with switchable day / night infrared cut filter and C/CS lens mount

Format and resolution: Digital, 1280(H) x 1024(W) pixels

Field of view: Lens selected to suit application

ILLUMINATOR

Wavelength: 850nm

Source: High power LED array

PROCESSOR

ANPR: Integrated Qseven processor board with AMD T40E dual core processor

Communications: LAN and integrated 3G or IEEE802.11n

Time: Integrated GPS receiver

GENERAL

Operating temperature: -10°C to +50°C

Power supply: 48VDC nominal, 25W typical consumption

Weight and dimensions: 2.9kg (excluding mounting bracket), 125mm x 168mm x 192mm (without sunshield)

Rating: IP67

TRAILER

Length (overall): 2050mm*

Width (operating position): 1500mm*

Height (travel position): 1950mm*

Height (max operating position): 5000mm*

Weight: 690kg*

* approximation only

POWER

Voltage: 12V

Solar panels: 2 x 250W panels

Batteries: 12V 1000 AH deep cycle (4 x 250 AH)

Solar Controller: 20A regulator

Operation: Batteries / solar



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