



## V102

Traffic technology solutions to improve roads, journeys and communities

### V102 ANPR Cameras

A range of unrivalled Automatic Number Plate Recognition cameras which offer uncompromising performance and a wealth of features.

These cameras extend the boundaries of traditional ANPR cameras by offering exceptional viewing distances, local and remote telemetry control, plus instant vehicle speed measurement using a single camera.

Many ANPR cameras are located over roadways or other inaccessible locations where a road closure or out-of-hours working is required to access. To overcome this problem, the V102 camera range is designed with remote control of all key camera



During installation the camera is initially set up using the keypad in the camera junction box, a very quick task thanks to the one-shot auto focus button. Further adjustments to the camera settings can then be made from any of our ANPR processors.

For the dual cameras, the telemetry control also extends to the colour overview camera, as well, with remote control zoom, focus, and image brightness.

All these cameras connect with a three-way adjustment for setting pan, tilt, and roll. Roll adjustment is important for ANPR cameras since it allows the license plate to be set level in the image.



Just choose the heavy-duty wall bracket or the pole mount (which has industry standard 4" PCD fixings to enable mounting from a wide range of third party brackets).

## Speed Camera Version

Traffic calming is a common requirement, both in the public highway, and on commercial and government sites. Whilst our processors have the ability to measure average speed from a pair of ANPR cameras, there is often a requirement to measure the instant speed of a vehicle at a specific location.

The V102 speed camera features a very accurate speed sensor which is used to record the vehicle speed at the time the number plate is logged. The processor is then able to generate real time speeding offences together with various reports, including graphs of average speed and frequency of offenses.

The speed camera is often combined with one of our driver feedback signs in order to achieve a reduction in average speed. These LED message signs can display any custom message and may include vehicle plate (or driver name in the case of known site vehicles) for maximum impact.



ANPR Image

Overview Image

The speed information is superimposed at the tip of the ANPR image using a barcode which is automatically read by the ANPR processor. This unique technique ensures that no additional signal cabling is required and that the speed data is never separated from the associated vehicle image.

## Main Features

- ANPR camera suitable for use with any of our ANPR processors or with a DVR
- Instant set up using junction box keypad for adjustment of zoom, focus, and brightness
- Remote control of camera telemetry from any of our ANPR processors
- Long range version offers 50 metre viewing distance using pulsed infrared illumination
- Speed version records vehicle speed (5-120mph) together with the number plate
- Dual version includes a high resolution colour overview camera with motorised zoom and focus
- Built-in video opto isolator ensures perfect pictures and eliminates all hum
- Adjustable video launch amplifier boosts ANPR camera video for long cable runs
- High performance optical filtering for perfect images in full sun or vehicle headlights
- Specially coated window rejects water droplets to ensure excellent images in poor weather
- Minimum illumination 0 lux (dual versions 1 lux for colour overview )
- Shutter speed fixed at 1/10,000th second ensures razor sharp images of moving vehicles
- Aluminium housing with stainless steel fittings, plus polycarbonate JB and flexible steel conduit
- Mains powered (230v) and low voltage (24ac)

## Product Codes

Code	Model Description
V102-1	V102 Camera with 3-15m zoom
V102-2	V102 Camera with 15-50m zoom
V102-3	V102 Dual Camera with 3-15m zoom
V102-4	V102 Dual Camera with 15-50m zoom
V102-5	V102 Speed Camera with 15-50m zoom
V102-6	V102 Speed Dual Camera with 15-50m zoom
V202	Heavy Duty Wall Bracket
V301	Pole Mount



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