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WG Dual Lane HD ANPR Camera

The WG Dual Lane HD ANPR Camera sets itself apart with its unique performance capabilities. This fully-integrated ANPR unit captures multiple number plates in the same field of view across approximately 2 European traffic lanes. It is designed to utilise smaller, high power LEDs and provides the best colour overview image resolution offered by WG ANPR cameras.

The WG Dual Lane HD ANPR Camera incorporates camera(s), illuminator, and image processing within a single water tight, sealed enclosure and uses a multi-exposure technique, commonly referred to as "triple-flash" technology, to effectively suppress ambient light such as headlights and bright sunlight. This helps to reduce the image exposure differences caused by plate-to-plate quality variations. It is fully web-enabled and can be configured and monitored from a standard web-browser while the flexible interface allows external devices such as radar, weigh-in-motion or ticketing systems to trigger the camera.

STANDARD FEATURES

- Supports 3.5G, GPRS, and EDGE wireless connectivity (optional);
- Optional GPS unit add-on;
- 44 high power LEDs with various beam width options;
- Single cable used for power, Ethernet, serial, trigger, and streamed colour video;
- High definition sensor and increased processing power;

BENIFITS

- Coverage for 7.1 metres of European traffic lanes;
- Superior image resolution and accurate performance;
- Metal housing for longevity in a variety of operating environments;
- Modern design providing accuracy and affordability.

SPECIFIACATION

- Dimensions - (LxWxH) 400 mm x 200 mm x 120 mm (including hood);
- 222 mm x 250 mm x 167 mm x 91.5 mm;
- (dependent upon focal length of lens) (excluding hood);
- Weight - 2.55 kg (including hood);
- 1.65 kg (excluding hood);
- Resolution - 2048 x 720 pixels (IR and colour channels);
- Field Rate - 50 field/second (at full resolution);
- Power Consumption - 40 Watts, 36-48 Vdc;
- Operating System - Embedded Linux;
- Operating Temperature - -15°C to +60°C;
- Illumination - Effective Range: up to 31.5 meters;
- Wavelength: 850 nm, 940 nm, 810 nm, 750 nm;
- Video Output - Hardware MJPEG streaming of the video.