



WESTMINSTER

INTERNATIONAL LTD

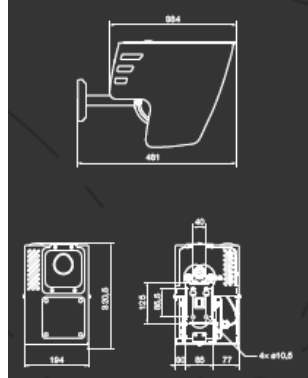
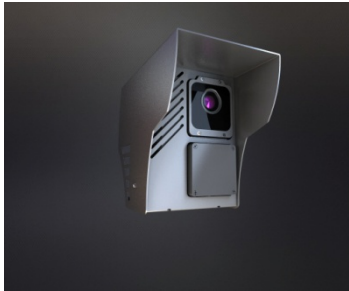
Telephone : +44 (0)1295 756300

Fax : +44 (0)1295 756302

E-Mail : info@wi-ltd.com

Website : www.wi-ltd.com

WG Speed Camera



Smart solution with integrated LPR for stationary speed enforcement.

WG Speed Cam combines intelligent number plate recognition with speed measurement radar to form a smart traffic sensor in a single-sealed, robust and waterproof camera. The built-in smart camera provides an all-in-one solution for intelligent traffic monitoring and number plate recognition. It includes high quality image capturing in integrated illumination, a processing unit for number plate recognition, automatic self-control and remote access. All processing is done inside the unit: images, number plate texts, time and vehicle speeds are stored in a database within the WG Speed Cam's memory with easy access through a web server.

STANDARD FEATURES

- Built-in Doppler RADAR and LPR processing unit
- Continuous speed measurement and image capturing, max 30 FPS
- Vehicle classification and traffic counting capabilities
- World leading LPR engine included (country-independent)

MAIN BENEFITS

- Appropriate even for low infrastructure systems; no need for lane controller PC for ANPR
- Installing simply: requires standard IP and power connection only
- Offering higher OCR accuracy in number plate recognition based systems
- Traffic counting, traffic analysis



SPECIFICATION

Imaging

- Resolution - (H × V pixels) 1280 × 720
- Max Frame Rate (at all resolution) - 30 frames/sec
- Output Format - JPEG, MJPEG stream, H.264
- JPEG Quality - Adjustable between 10 % – 80 %
- Day/Night Mode - Configurable day/night mode switching
- Exposure Control - Global shutter, software adjustable 1/30 s – 1/ 27700 s
- Sensor - Colour, Progressive scan CCD 1/3"

Illumination

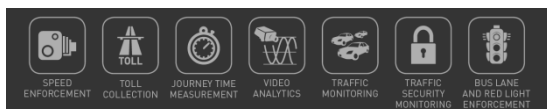
- Flash Time - Software adjustable, up to 950 μ s
- Intensity - 3 preconfigured modes (low, medium, high)
- IR Wavelength - 850 nm
- Number of LEDs - 8
- Type - High power IR LED, regulated

Radar

- Direction - Selectable uni- or bidirectional
- Installation angle - Recommended 10° – 25°
- Measurement Principle - Doppler-Radar
- Measurement Range - 0 – 255 km/h (0 – 158.5 mph)
- Operating mode - Counting (signed) speed
- Radar frequency - 24.165 GHz, K-Band

Mechanical Data

- Dimensions (L × W × H) - 385 mm × 243 mm × 335 mm (15.16" × 9.57" × 13.19")
- Housing Colour - RAL 9007 / Optional Custom
- Housing Material - Aluminium
- IP rating - IP67
- Operating Temperature - -20 °C to 55 °C (-4 °F to 131 °F)
- Shield Colour - RAL 9007 / Optional Custom
- Start up Temperature - Over 0°C (32 °F)
- Weight (bracket) - 0,6 kg
- Weight (without bracket) - 13,5 kg (29 pound)



SPECIFICATION

Lens

- Focus - Automatic motorized, programmable
- Iris - Automatic motorized, programmable
- Lens Type - 5.2 – 58.8 mm with high precision motorized positioning
- Optical Filter - Switchable: All pass / IR cut above 850 nm
- Recommended ANPR Range - 3 m – 20 m (10 feet – 65 feet)
- Zoom - Automatic motorized, programmable

Processing & I/O

- ANPR
- Communication Interface - 100Mbit/sec, Ethernet
- Communication Protocol - ARP, ICMP, TCP/IP, DHCP, NTP, FTP, HTTP, SMTP, RTP
- CPU - 1.6 GHz Intel Atom + N2600
- Operating Memory - 1GB DDR3
- Operating System - Linux 64 bit
- Storage Memory - 32 GB

Electrical Data

- Basic Power Consumption - 15 W
- Input Voltage - 24-28 V AC
- Power Consumption With Heating - 20 W
- Junction Box - Optional

