Road Safety Enforcement

Greater CCTV coverage from fewer camera installations

Fewer staff processing more traffic violations

Delivering more penalties for safer roads

Optimising the Key Human Element of Traffic Enforcement

Intelligent CCTV

FOR THE HIGHEST LEVELS OF ROAD SAFETY

www.viseum.co.uk
Intelligent Virtual Operator Software (Viseum iVOS)

Contact us on +44 (0)1322 405724 or visit https://www.viseum.co.uk

Any non-Viseum branded IMC system will be noticeably inferior and an illegal copy in breach of international law

Viseum IMCs have been granted 20 years’ patent protection

ONE CAMERA DEPLOYMENT COVERS UP TO THE SIZE OF 4 OLYMPIC STADIUMS

THE WORLD’S BEST CCTV SECURITY AND SURVEILLANCE CAMERA

THE WORLD’S ONLY LONG RANGE ANALYTICS 360° PANORAMIC SECURITY CAMERA

- Britain’s Largest Police Force “Our Best Crime Deterrent” - Described by them as a Virtual Gigapixel Camera, a Virtual CCTV Operator and a Virtual Guard.
- Operates Completely Automatically Covering Vast Areas – Identifying, confirming and following incidents close up and in every direction.
- Multi-HD-Camera View of Each Incident – PTZ Camera close-up view and wide contextual view.

CUSTOMISED SOFTWARE TECHNOLOGY SERVICES:

Making people’s faces the world’s greatest security weapon against crime and terrorism.

Automatic traffic violation penalties and ANPR.

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PROBLEMS WITH ROAD TRAFFIC ENFORCEMENT

Before Viseum’s Traffic Enforcement System, methods of policing road traffic offences included the use of foot patrols with the high risk of physical conflict, manned CCTV vehicles, and complex remote manned technologies which have high capital, operational and maintenance costs. These solutions have to be used sparingly and as a result many vehicle violations happen undetected; illegal parking, illegal turns, misuse of bus lanes and no stopping zones, etc. Maintaining safe roads therefore remains a key challenge for all local authorities.

The technical performance and reliability of Viseum’s Intelligent CCTV solutions, gives the most effective, easily set up and used road safety CCTV available.

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Viseum Intelligent Moving Camera (Viseum IMC)

Viseum UK manufactures the only Intelligent CCTV camera in the world to automatically detect multiple simultaneous traffic violations, from close proximity up to 320 m away and in any direction. It captures both high quality close-up and wide contextual view video evidence and automatically produces it for rapid enforcement. This dual evidence of traffic violations significantly reduces, and in many cases eliminates the ability for appeals against traffic penalties.

At the heart of all our Intelligent CCTV solutions is the patented Intelligent Moving Camera (Viseum IMC). This uses multiple fixed and one moving PTZ camera in a single unit, with advanced Video Analytics Software Technology Services called Intelligent Virtual Operator (Viseum iVOS), to detect, zoom into and follow all traffic violations. This traffic safety camera is modular hardware configured to cover any targeted area, or provide vast simultaneous full 360° panoramic coverage, an area the size of 4 Olympic Stadiums from just one camera installation.

Best Value Road Safety Camera

It has been independently endorsed that it would take at least 6 more installations of any other advanced PTZ camera solution, at least 10 of the industries latest panoramic megapixel cameras, or a minimum of 200 times more standard fixed camera installations, to provide the level of CCTV security and surveillance that each Viseum IMC Camera provides without being dependent on any surveillance operators or CCTV infrastructures.

Long Term Road Safety

Using our advanced patented technology, the Viseum IMC is an easy to use unattended plug-and-play lightweight, low power device, for permanent or temporary deployments on standard street lighting columns. It is the most cost effective camera solution for automating the enforcement of many types of moving and non-moving road traffic violations.

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Complete End-to-End Solution

Viseum’s CiVMS (Video Management System) provides secure communication between a local authority’s back office and each unattended camera device. Subject to a local authority’s specific policies, this is then used to instruct each unattended device to capture particular road violations in certain ways. For example, to determine what level of optical zoom is necessary to enforce varied traffic violations, capture the vehicles number plate and how much footage of the wide contextual view and close-up evidence is required to enforce the appropriate penalty and process appeals.

Automated Alarm and Download of Traffic Violations Evidence

Viseum’s Intelligent Virtual Operator CCTV monitoring software, automatically detects traffic violations under instructions from the local authority. Each traffic violations evidence pack is then automatically uploaded for the local authority to process in a format to support seamless operation with their prosecution system.

Digital Integration - Command Control Software and Back Office Penalty Systems

On request and following quality testing, Viseum’s digital integration program is offered to all technology partners of other video management software, and back office penalty systems. Viseum’s digital integration APIs use typical secure web-based protocols and usually take a Viseum Technology Partner engineer up to 7 days to implement.
ROAD SAFETY

TRAFFIC VIOLATION ENFORCEMENT

Optimising the Key Human Element of Traffic Management

Intelligent CCTV

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