

**THE CCTV AND SURVEILLANCE INDUSTRY-STANDARD DETERRENT
 AND AUTOMATED SECURITY AND SITUATIONAL AWARENESS**

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



**LEVEL 1
 TECHNOLOGY
 INTRODUCTION
 PROGRAMME**

**ONVIF
 Compliant**

VISEUM PRIVACY



**THE WORLD'S BEST CCTV SECURITY
 AND SURVEILLANCE CAMERA**

THE WORLD'S ONLY LONG-RANGE ANALYTICS 360° 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 large 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.



Viseum

Automatic detection, capture and processing of traffic violations for the world's safest roads.



Viseum



Visit us at <https://www.viseum.co.uk>

Viseum IMCs have been granted 20 years' patent protection

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

Patent Portfolio - European EP 1 579 399 | United States of America US 7,952,608 B2





Intelligent camera and video



IMC™ Intelligent Moving Camera

AiPTZ™ Camera 360° Analytics

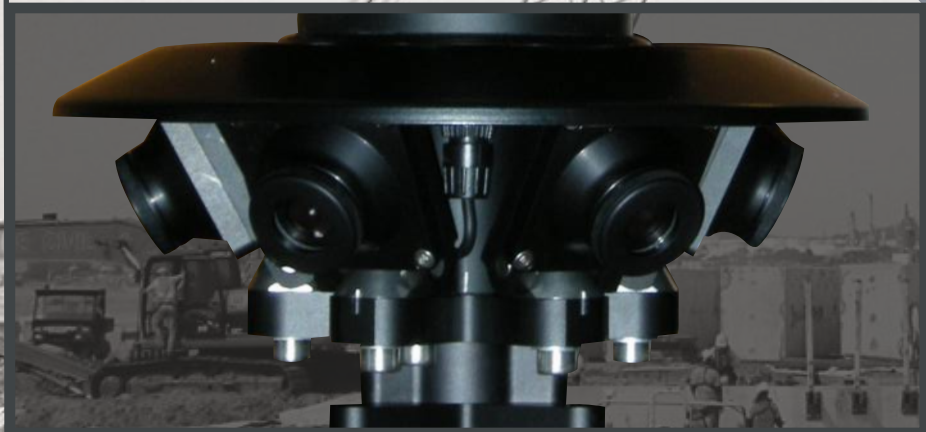
iVOS™ Intelligent Virtual Operator Software

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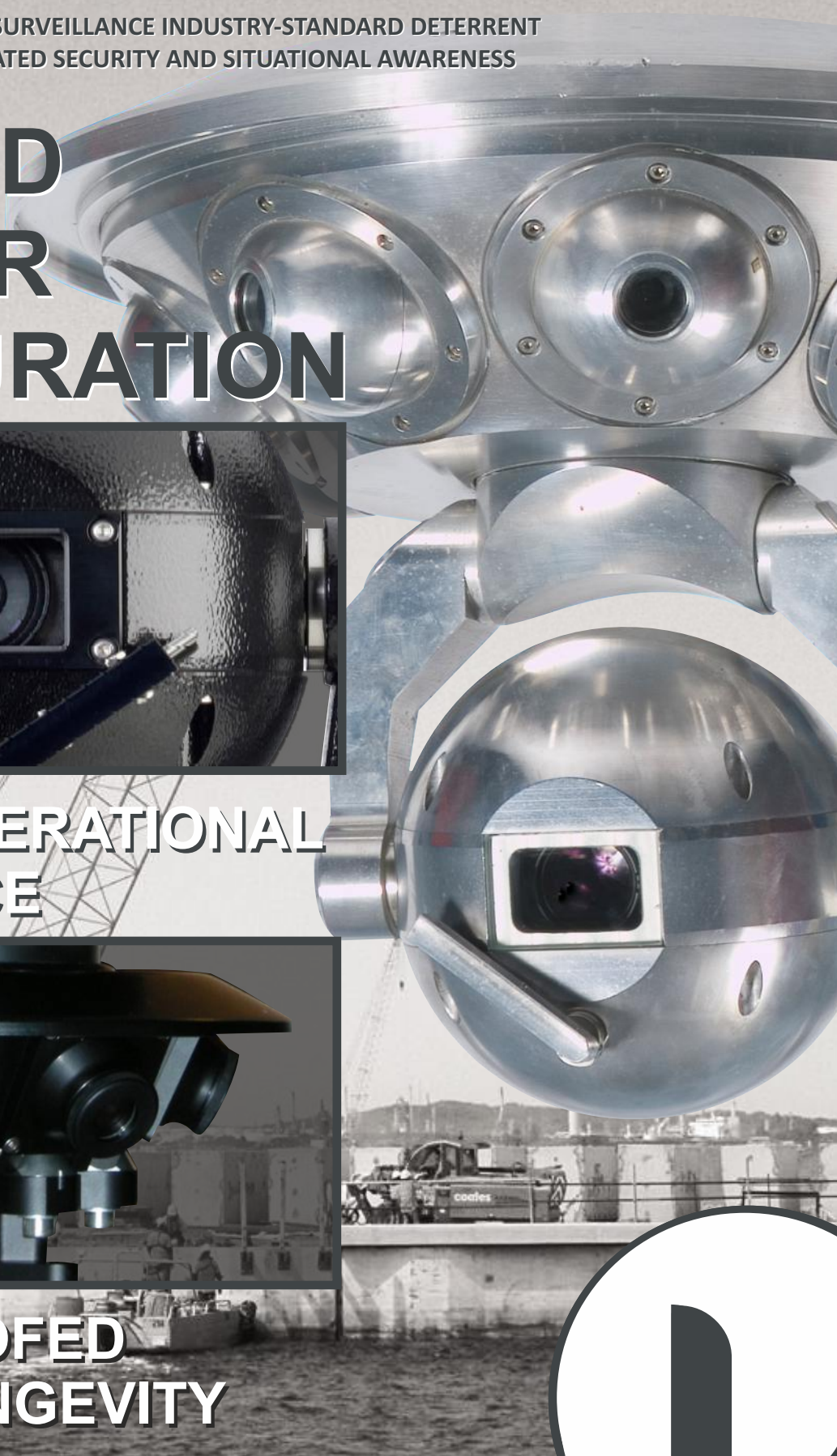
PATENTED MODULAR CONFIGURATION



SUPERIOR OPERATIONAL PERFORMANCE



FUTURE PROOFED PRODUCT LONGEVITY



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This is the only Intelligent PTZ (Pan, Tilt, and Zoom) camera system in the world to automatically detect, confirm, and follow incidents out to **320 metres** in all directions at the same time, automatically control a PTZ camera to zoom into and automatically confirm the incident, automatically follow the action, capture high-quality close-up evidence of even before the alarm is raised, and then automatically report it for rapid response and investigations.

It is the most effective and versatile automated CCTV surveillance camera system, with modular plug-and-play hardware for all applications and environments. This IP surveillance camera system uses multiple Wide Contextual View Cameras with one moving PTZ Camera, to simplify permanent and temporary deployment options, for CCTV security, people surveillance and traffic management.

With intelligent video analytics software and bandwidth management of all cameras, this delivers **Virtual Gigapixel** video information over standard transmission technologies, for the most accurate ground truth and situational awareness. The PTZ Camera and Wide Contextual View Cameras produce between **3 and 45 Mbps** of video data.

Each of the multiple cameras are modular configured to support any optical requirements to support the practicalities of installation and maintenance, whilst optimizing operational performance give the highest levels of automated CCTV security and surveillance. This gives maximum flexibility to operate as an unmanned standalone camera, with manual operator override if required for use with:

- Manned and unmanned command control rooms, and,
- Mobile observation posts.

Technical Specification:

- Various models of ruggedized IP rated weatherproofing IP66, IP67, and IP68.
- Installed upright or downwards for permanent or redeployable installations.
- Quick release plug/socket multi-core cables and weatherproof speed-fixers for temporary or redeployable installations.
- Fixed cameras easily positioned to cover only desired areas, with pan and tilt adjustment using a single fixing.
- Modular hardware configurations depending on deployment weight limits, the number of Viseum iVOS software channels, and 60° Wide Contextual View Cameras for line-of-sight CCTV security and surveillance coverage:

- V 6+1 - full 360° panorama
- V 4+1 - 240°
- V 2+1 - 120°
- V 8+1 - 360° (additional resilience)
- V 5+1 - 300°
- V 3+1 - 180°
- V 1+1 - 60°

100 x MORE PEOPLE/VEHICLES SCANNED - UP TO 2000 AT ANY 1 TIME



Physical:

- Weight:** Full 6 Camera Array 3.2 kg (each fixed camera 260 g) – Pole or Wall Bracket 1.7 kg.
- Dimensions:** Ideal sited height 6 m - 10 m | Array 270 mm (Dia) x 117 mm (H) | Complete with PTZ Camera 457 mm (H).
- Operating Temperature:** Various models between -40 to +65°C.
- Power Supply:** PTZ: 24 Vac/30 Vdc - External 240/110 Vac PSU.
Fixed Cameras: 12 Vdc - External 240/110 Vac PSU.
- Maximum Power:** 84 W (including 6 detection cameras, PTZ Camera and iVOS Camera Controller).



Industry Leading Optics:

Advanced Day/Night HD PTZ Camera: Viseum AiPTZ 360° (2.4MP).

Most popular Viseum IMC Wide Contextual View Cameras:

- 1920 x 1080 resolution (2MP) 1/2.8" Progressive Scan CMOS HD Camera Sensors.
- Automatic and Manual Day/Night Switching.
- Fixed lens 4.3 mm 60° horizontal view, Near IR low light sensitivity 0.005 lux.

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Viseum AiPTZ SPECIFICATION	32x HD ENHANCED LOW LIGHT	THE BEST PTZ CAMERA IN THE WORLD	
Colour/Mono	Yes	<ul style="list-style-type: none"> ■ Highest Quality Day and Night Optics – Better optics than any other PTZ camera on the market. ■ Intelligent Speed Control Pan, Tilt and Zoom Operation – Allowing this PTZ camera to move automatically at the ideal speed to make every frame of video information count. ■ Viseum IMC Commissioned and Viseum firmware customisations – Making installation, commissioning and operation effortless for customer resources. 	
Imager (CMOS)	1/1.9 HD Sensor		
Zoom - Optical + Digital	32x, 12x		
Zoom - Total	384x		
Pixels	Approx 2.38 Megapixels		
Horizontal view angle	2.2° (T) - 60° (W)		
Lens Size	6 - 192 mm		
Min Sensitivity - Colour	0.002 Lux		
Min Sensitivity - Mono	0.0002 Lux		
Signal Noise Ratio	>50dB		
Picture Flip	Yes		
Picture Freeze	Yes		
FEATURES			
Focus/Iris	Auto/Manual		
Privacy Zones	Up to 24		
Variable pan speed/coverage	0.1 - 120°/sec, 360° continuous rotation, absolute positioning		
Variable tilt speed/coverage	0.1 - 120°/sec, 160°, absolute positioning		
Col/Mono Changeover	4 levels - 3 fixed, 1 custom/user defined		
Operating temperature	-40°C to +65°C		
Power	24 Vac/30 Vdc or 12 Vdc		
Certification	CE approval; Various models of ruggedized IP rated weather proofing IP66, IP67, and IP68.		
ILLUMINATION			
	IR or IR & WHITE LIGHT (Nominal)		
IR210	Directional IR 210 metres		
IR215WL	Directional IR 215 metres, WL 205 metres		
WEIGHTS			
Without lamps	7kg		
With lamps	7.5kg		
CODEC	25fps	ASPECT	30fps
HD1080p	1920x1080	16:9	1920x1080
HD720p	1280x720	16:9	1280x720
D1	720x576	4:3	720x480
VGA	640x480	4:3	640x480
QVGA	432x240	16:9	432x240
Video Distribution	2 Stream Multi Codec		
Image Compression	H.264, H.265, MPEG4, MJPEG		
Protocols	ONVIF (S), TCP/IP, HTTP, RTP, RTSP		
Compression levels	CBR, VBR, CVBR		



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