A Single Rapid Deployment for Immediate Vast Coverage

For complete situational awareness and control over each type of security threat, development and outcome

Viseum’s Ruggedized Redeployable CCTV camera is modular configured supporting many unique requirements:

- Viseum intelligent Virtual Operator Software (iVOS) automatically monitoring 1 – 6 wide contextual view cameras to detect activity, automatically move the PTZ camera to activity deemed to be of interest.
- Network Video Recorder (NVR) storing video up to 30 days from 1 up to 7 different camera views. Option to encrypt all recordings to avoid anyone viewing images without permission.
- Multi-view evidence player; play the wide contextual and close-up view evidence of each incident, which is proven to significantly improve investigations and arrests.
- Remote Managed Support (RMS) Services - Training and support direct from the manufacturers.

This intelligence local to the camera significantly enhances any installation’s effectiveness, Viseum’s CCTV NVR iVOS Camera Controller supports Viseum’s industry’s leading PTZ Camera and Wide Contextual View Cameras to provide intelligently automated CCTV surveillance.

Customised specifically to run Viseum iVOS, Viseum’s CCTV NVR Camera Controller was designed to provide the most robust solution for ease and flexibility of deployment for the Viseum IMC camera product range.

Industry Leading Processing Architecture

Using advanced Intel multi-core processing for 100% duty cycle and the latest ground breaking processing architecture, this powerful engine is optimised for industrial high-use multi-tasking routines including multiple client communication, automatic capture, analysis and recording of video data from all Viseum surveillance cameras, and seamless human-machine interplay for Pan Tilt Zoom (PTZ) camera control.

Integrated Video Storage System

Viseum’s CCTV NVR Camera Controllers video data is stored on a SSD and SATA based 24/7 100% duty cycle, low power hard disk drive with a capacity of up to 1 terabyte. Its disk throughput and memory bandwidth is built to sustain performance throughout the entire system.

It incorporates a “Park” functionality to separate the hard disk’s heads for safe transportation and is fitted with comprehensive event logging to keep track of how the NVR system has been treated during deployment and operation.

Providing the highest available reliability rating for maximum resilience against loss of service, this local video storage provides either master recordings, if used as a standalone system, or back-up capability where remote control room storage is used.

“Constant successes of the Viseum IMC camera encourages more deployments”
(UK Police Surveillance Operator).

Extreme Operating Temperatures

Military grade electronic components operating from -40°C up to +85°C inside different models, for deployments in the highest and lowest extreme temperature climates.

Various models weight dependant on features, fixtures and fittings 9 kg - 15 kg.

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

Viseum IMC Cameras 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

Intelligent Virtual Operator Software (Viseum iVOS)

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

THE WORLD’S BEST CCTV SECURITY AND SURVEILLANCE 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
- Traffic management and vehicle crime
- Find, fix and follow

MADE IN GREAT BRITAIN

LEVEL 1 TECHNOLOGY INTRODUCTION PROGRAMME
## FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
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<tbody>
<tr>
<td><strong>Focus/Iris</strong></td>
<td>Auto/Manual</td>
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<td><strong>Privacy Zones</strong></td>
<td>Up to 24</td>
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<tr>
<td><strong>Variable pan speed/coverage</strong></td>
<td>0.1 - 120°/sec, 360° continuous rotation, absolute positioning</td>
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<tr>
<td><strong>Variable tilt speed/coverage</strong></td>
<td>0.1 - 120°/sec, 160°, absolute positioning</td>
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<tr>
<td><strong>Col/Mono Changeover</strong></td>
<td>4 levels - 3 fixed, 1 custom/user defined</td>
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<tr>
<td><strong>Operating temperature</strong></td>
<td>-40°C to +75°C</td>
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<tr>
<td><strong>Power</strong></td>
<td>24 Vac/30 Vdc or 12 Vdc</td>
</tr>
<tr>
<td><strong>Certification</strong></td>
<td>CE approval; Various models of ruggedized IP rated weather proofing IP66, IP67, and IP68.</td>
</tr>
</tbody>
</table>

### ENHANCED LOW LIGHT

- **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.

### WEIGHTS

- **Without lamps** 7kg
- **With lamps** 7.5kg

### CODEC

- **HD1080p** 1920x1080 16:9 25fps
- **HD720p** 1280x720 16:9 25fps
- **D1** 720x576 4:3 25fps
- **VGA** 640x480 4:3 25fps
- **QVGA** 320x240 4:3 25fps

### 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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Redeployable Intelligent PTZ Camera Array

By being seen to be consistently actively “manned” and constantly delivering results, the Viseum-driven Redeployable Intelligent PTZ Camera Array has the world’s leading per camera evidence capture statistics, and the world’s largest effective simultaneous coverage.

It operates completely automatically with manual operator override but no operator fatigue, providing reassurance to business or residential communities and the ultimate deterrent to would-be criminals.

Technical Specification:
- Ruggedized IP67 rated weather proofing.
- Quick release weatherproof speed-fixers for rapid temporary or semi permanent installations.
- Audio input/outputs options for listening and/or public address announcement (PA) system.
- Fixed cameras easily positioned to cover desired areas, with pan and tilt adjustment using a single fixing bolt.
- Available in 5 versions depending on weight limits and number of detection cameras and iVOS software streams for line of sight coverage:
  - V 5+1 - 300°
  - V 4+1 - 240°
  - V 3+1 - 180°
  - V 2+1 - 120°
  - V 1+1 - 60°

Physical:
- Weight: Full 6 Camera Array 3.2 kg (each fixed camera 260g) – PTZ Camera 5.25 kg – Pole Bracket 1.7 kg.
- Dimensions: Array 270mm (Dia) x 117mm (H) - Complete unit with PTZ Camera 457mm (H).
- Power Supply: PTZ Camera 24 Vac/30 Vdc and Fixed Cameras 12 Vac powered by NVR iVOS Camera Controller.
- Maximum Power: 44 Watts.
- Operating Temperature: Various temperature models between -40 to +75°C.

Viseum Certified Industry Leading Optics:
- Wide Contextual View Cameras:
  - 1920 x 1080 resolution (2MP) 1/2.8” Progressive Scan HD Camera Sensors.
  - Fixed lens 4.3 mm 60° horizontal view, Near IR low light sensitivity 0.005 lux.

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Local & Remote IP Communications - options

- 4G Communications Wireless TCP/IP WAN cellular router/gateway and major UK police force approved VPN appliance providing secure high-speed wireless remote connectivity.
- 2 x Hardwired Ethernet ports.
- Optional Communications:
  - Wireless 802.11xx.
  - Satellite 2.4 kbps uploads.
  - ORBCOMM connectivity.
  - Telescopic antenna with magnetic mount.

Environmental Enclosure

Aluminium. IP55 rated with efficient fan assisted airflow/heat dissipation management. Thermostat controlled internal temperature regulation. In high temperatures fan assisted airflow dissipates heat through a filtered exhaust vent, in low temperatures the fan system is switched off and the enclosure is self heated.

- Dimensions - Height 344 mm x Width 250 mm x Depth 151 mm (excluding cables and fan protrusion).
- Weight - 4.8 kg.
- Operating Temperature - Standard -5 to +35°C | High temperature -20 to +65°C.
- Power Supply (110-240 Vac @ 50/60Hz Mains) - Unique design supplying power to all Viseum IMC camera hardware components.
  - Outputs: 12 Vdc (Processor, Peripherals and Wide Contextual View Cameras); 24 Vac/30 Vdc (PTZ Camera).
  - Power Consumption: 150 Watts (peak).

Camera Inputs

- Up to 6 Wide Contextual View Cameras at and 1 moving PTZ Camera at up to 25 FPS.
- Interfaces with all Viseum-driven Camera Unit models or standard individual cameras via IP68 compliant weatherproof twist to seal plug/sockets.

Health and Safety Features

- Quick release weatherproof speed-fixers for easy mountable/demountable operation.
- Redeployable CCTV DVR Camera Controller and Intelligent PTZ Camera Array can be mounted on opposite sides of a street column to centralise weight & reduce cantilever effect.