INVICTUS

360 VISION TECHNOLOGY

Hybrid
True Dual Hybrid mode (Video and Control) allows addition to legacy analogue systems without infrastructure upgrades. When infrastructure changes, customers benefit from stunning HD and IP control with no hardware changes

Low Power
'Low Power Mode' for inactive periods of operation, 'Intelligent Illumination' and 'Night Setting Presets' to control the illumination activity and low consumption components that all add up to greatly reduced power device for applications such as solar, fuel, battery and other low voltage sensitive applications

Latest Camera Module
All Invictus cameras now benefit from ULTRA low light technology from the stunning new 1/1.9" ULL sensors. Larger sensor = brighter, crisper and more defined COLOUR images at night

Direct Drive Mechanism
Unlike many competitor products that utilise belt based drive systems, Invictus incorporates ultra reliable and extremely quiet Direct Drive mechanisms, resulting in long life, high (and consistent) preset accuracy and long term reliability

Infra Red AND White Light (Optional)
The ONLY ruggedised camera to offer BOTH infra red and white light to 200m. White light for intruder tracking and deterrence. Infra Red LEDs offer discreet yet powerful illumination for more covert applications

Ruggedised
Unlike our competitors, a self calibrating 'Attack Detect' mode senses any forced or unnatural movement and INSTANTLY re-calibrates to the correct position, ensuring alarm and positional presets are not compromised

Paint Options
Standard high quality paint finish and optional long life 'Extreme' paint finish for marine/coastal applications – ensuring the operational and aesthetic features of the Invictus are protected

On Board Recording
Recording options of upto 256Gb give network backup, time lapse, FTP and alarm recording. Network sensing automatically senses when connection is lost to ensure that full HD, real time images can be recorded inside the camera, ensuring no information is lost

Secure by Default
360 Vision Technology surveillance camera products & components have been issued with certification by the Surveillance Camera Commissioner, with requirements to ensure the best possible assurance of protection against cyber-attacks

360 Degree View
Continuous rotation pan, unobstructed 360 degree view, 160 degree tilt all contribute to unhindered views usually associated with Dome alternatives
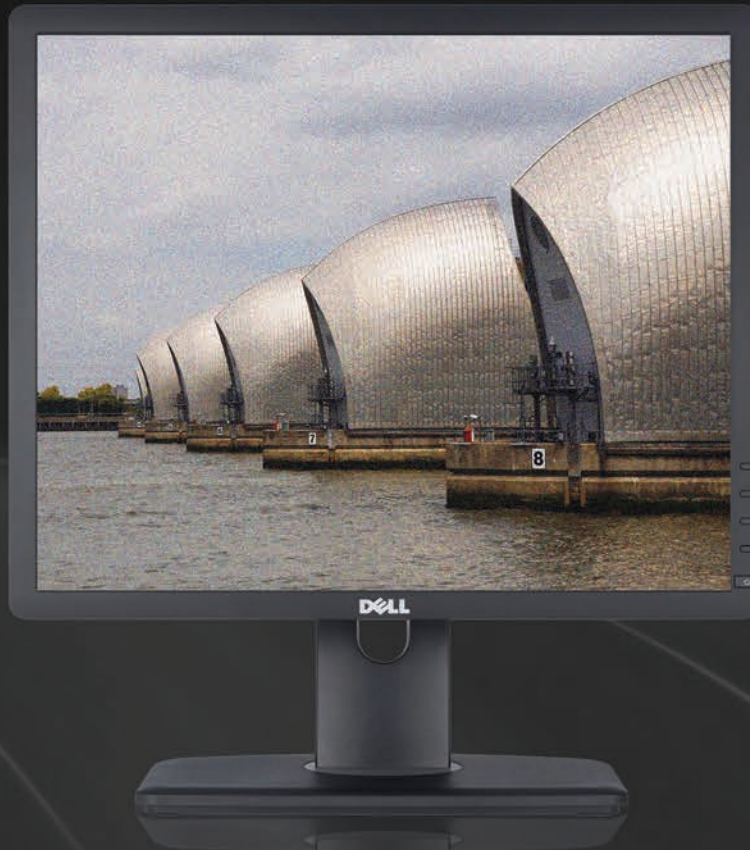
DESIGNED & MANUFACTURED IN THE UK

IP67   Onvif   Full HD 1080   CE   UKCA

INVICTUS

Simultaneous Analogue & HD in ONE PTZ Camera
No additional equipment required

Analogue 4:3 700TV Lines

Full HD 1080p

FROM THIS

TO THIS

- ULTRA low light camera modules
- Dual Hybrid analogue & HD IP technology
- Ultra-low power consumption
- (Optional) Infrared & White light
- Direct Drive Pan & Tilt

- High quality paint finishes
- Dedicated set-up Apps
- On board recording up to 256Gb
- 3 year warranty as standard with **Optional Extended Warranty to 5 years!**

Support & Compatibility

Our commitment to the ONVIF organisation also extends to constant and proactive direct communication with VMS leading VMS manufacturers to ensure FULL feature and operational compatibility.

Our standard warranty is 3 years. In addition, our NEW and innovative Support Package provides an extremely low cost 5 year Warranty Extension – offering additional layers of benefit for customers framework and maintenance agreements.

We believe in our manufacturing quality, we do not subscribe to the low cost/replace ideology so prevalent in our industry – let us show you how our FIXED FEE service will actually SAVE you money!

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IP67 ONVIF Full HD 1080 CE UKCA

PRODUCT SPECIFICATION	23x ULTRA HYBRID	32x ULTRA HYBRID
Colour/Mono	Yes	Yes
Imager (CMOS)	1/1.9"	1/1.9"
Zoom - Optical + Digital	23x, 12x	32x, 12x
Zoom - Total	276x	384x
Pixels (Megapixels)	Approx 2.38	Approx 2.38
Horizontal view angle	60°(W) - 3.2°(T)	60°(W) - 2.2°(T)
Lens Size	6 - 138mm	6 - 192mm
Min Sensitivity - colour	0.002 Lux	0.002 Lux
Min Sensitivity - mono Int	0.0002 Lux	0.0002 Lux
Signal Noise Ratio	>50dB	>50dB
Picture Flip	Yes	Yes
Picture Freeze	Yes	Yes

PRODUCT FEATURES	ALL INVICTUS units have the following functions		
Focus/Iris	Auto/Manual		
Presets	101		
Tours	4 (max 90 presets per tour)		
Learned Patrols	4 mimic tours - up to 10 minutes duration each		
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		
Auto Homing	Goes to preset, tour or mimic tour after prescribed time		
Col/Mono Changeover	4 levels - 3 fixed, 1 custom/user defined		
Operating temperature	-40°C to +60°C		
Power	28-36VDC (12VDC and POE Options)		
Mounting options	Wall, Corner, Pole and Soffit		
Certification	UKCA, CE & FCC approval: Ingress IP67: Independent power certification and Elexon Charge Codes available		

SIRIUS ILLUMINATION (Optional):	IR & WHITE LIGHT (Nominal)		
IR / IR200	IR: 140 metres / IR200: 200 metres		
IRWL / IR200SWL	IRWL: 140 metres / IR: 140 metres, SWL: 200 metres		

WEIGHTS			
INVICTUS (HMA No lamps)	8.5kg		
INVICTUS (HMA with lamp)	9kg		

CODEC	25/50fps	ASPECT	30/60fps
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
Distribution	Multi Streaming Codec, 2 independently configurable profiles		
Image Compression	H.264, MJPEG, H.265		
Protocols	ONVIF (S), 802.1, SSL, TCP/IP, HTTP, HTTPS, RTP, RTSP, 360SDK, QoS		
Compression levels	CBR, VBR		
Paint Options	RAL		
Black	9005		
White	9003		

INVICTUS 230622

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