INVICTUS

Ruggedised-Hybrid PTZ camera

If you're looking for a highly competitive all-in-one PTZ camera alternative to other low-cost options, take a look at the new Invictus range





INVICTUS

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

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Latest Camera Modules

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All Invictus cameras now benefit from a choice of either Starvis or ULTRA low light technology from the stunning new 1/1.9" ULL sensors. Larger sensor = brighter, crisper and more defined COLOUR images at night



Infra Red AND White Light

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



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

Dedicated Setup Apps

3 APPS for Discovery, Configuration and Update. With an innovative thumbnail index, select and program from one central Network point. No need for browser add-ins, security permissions or internet necessary updates



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

150

360

360 Degree View

Continuous rotation pan, unobstructed 360 degree view, 160 degree tilt all contribute to unhindered views usually associated with Dome alternatives

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





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



Ruggedised

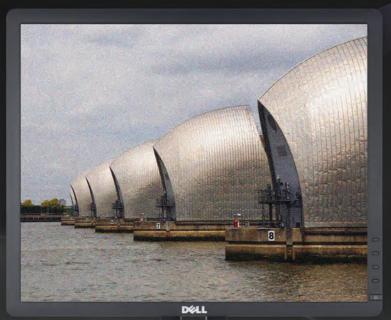
Unlike our competitors, a self calibrating 'Attack Detect' mode senses any forced or unnatural movement and INSTANTLY re-calibrates to the correct position, ensuring alarm and positional presets are not compromised



On Board Recording

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

Analogue 4:3 700TV Lines



FROM THIS

- Choice of ULTRA or Starvis low light camera modules
- Dual Hybrid analogue
 & HD IP technology
- Ultra-low power consumption
- Infrared & White light up to 200m

- 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

We manufacture, supply and support DIRECTLY to the integrator. We do NOT distribute through unnecessary additional layers. This provides assurance of dedicated and direct support from the people that actually make the product!

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.

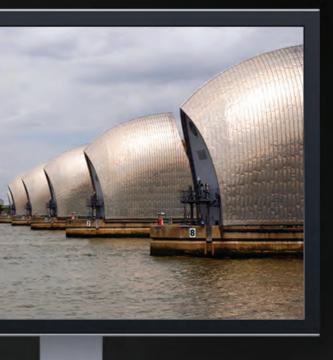
Our standard warranty is 3 years. In addition, our NEW and innovative Support Package provides an extremely low cost 5 year Warranty Extension – offering additional layers of benefit for customers framework and maintenance agreements.

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!





Full HD 1080p





PRODUCT SPECIFICATION	23x ULTRA	32x ULTRA	20x STARVIS	30X STARVIS	
Colour/Mono	Yes	Yes	Yes	Yes	
Imager (CMOS)	1/1.9"	1/1.9"	1/2.8-type Exmo	or R 1/2.8-type Exmor R	
Zoom - Optical + Digital	23x, 12x	32x, 12x	20x, 12x	30x, 12x	
Zoom - Total	276×	384x	240x	360x	
Pixels (Megapixels)	Approx 2.38	Approx 2.38	Approx 2.13	Approx 2.13	
Horizontal view angle	60°(W)-3.2°(T)	60°(VV)-2.2°(T)	55.4°(W)-2.9°(T)) 63.7°(W)-2.3°(T)	
Lens Size	6-138mm	6-192mm	4.7-94mm	4.3 - 129mm	
Min Sensitivity - colour	0.002 Lux	0.002 Lux	0.01 Lux	0.01 Lux	
Min Sensitivity - mono Int	0.0002 Lux	0.0002 Lux	0.0015 Lux	0.0015 Lux	
Signal Noise Ratio	>50dB	>50dB	>50dB	>50dB	
Picture Flip	Yes	Yes	Yes	Yes	
Picture Freeze	Yes	Yes	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	-30°C to +60°C				
Power	24vac/30vdc or 12vdc				
Mounting options	Wall, Corner, Pole and Soffit				
Certification	IP66				
SIRIUS ILLUMINATION	IR & WHITE LIGHT (Nominal)				
IR200	IR 200 metres				
IR200WL	IR 200 metres, WL 200 metres				
WEIGHTS					
INVICTUS (HMA No lamps)	8.5kg				
INVICTUS (HMA with lamp)	9kg				
CODEC	25fps	ASPECT	З	Ofps	
HD1080p	1920×1080	16:9	1	920x1080	
HD720p	1280×720	16:9	1	280x720	
D1	720x576	4:3		720x480	
VGA	640x480			640×480	
QVGA	432x240	16:9	432x240		
Distribution	Multi Codec 2 streams				
Image Compression	H.264, MPEG4, MJPEG				
Protocols	ONVIF (S), TCP/IP, HTTP, HTTPS, RTP, RTSP, 360SDK, QoS				
Compression levels	CBR, VBR CVBR				
Paint Options	RAL				
Black	9005				
White	9003				

All trademarks are used courtesy of registered owners. INVICTUS ULTRA is a registered trademark of 360 Vision Technology Ltd. The manufacturer reserves the right to change specifications without notice.



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