

INVICTUS



**DESIGNED
& MANUFACTURED
IN EUROPE**



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



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 Modules

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



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

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



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



360 Degree View

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



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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!**

Full HD 1080p



TO THIS

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!



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 Exmor R	1/2.8-type Exmor R
Zoom - Optical + Digital	23x, 12x	32x, 12x	20x, 12x	30x, 12x
Zoom - Total	276x	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°[W] - 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	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	
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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