



Ulysses II

Day / Night Marine Surveillance



Day / Night



2 Axis
Stabilization



10.2 " Multi
Touch Screen



Zoom 12x



Auto-Tracker



H264



30
FPS



The new Ulysses II is a versatile multi-sensor thermal imaging system for shipboard deployment. Packaged within a rugged and compact gyro-stabilise* platform, the Ulysses II not only delivers high resolution and crisp visual capability in all lighting conditions, but also brings the essential element of crew situational awareness. The Ulysses II comes in several configurations to meet different user demands and may carry multiple payloads simultaneously.

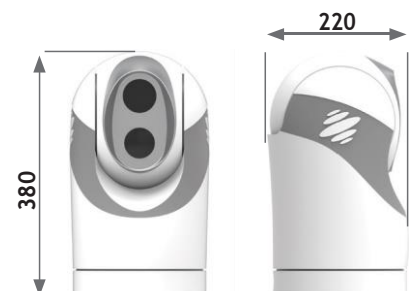
Key Features

- Uncooled thermal imager for excellent night vision capability
- Day / low light CCD camera with powerful optical zoom*
- Active 2-axis gyro stabilised*
- Advance video tracker*
- Configurable to user requirements
- Wide interfacing options
- Low power consumption
- Rugged / weather proof construction
- Export license free

* purchase options not available on B1

Marine Based Applications

- Coastal and river surveillance
- Special boat operations
- Night navigation
- Force protection
- Law enforcement
- Unmanned surface vessels
- Collision avoidance
- Search & rescue



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ULYSSES II-E1 (U2E15012-SP)

	Thermal Camera	Colour Camera
Sensor Type	640 x 480 17um uncooled microbolometer FPA	1.43MP 1/4” CMOS
Sensitivity	50mk	1.2 lux (0.3 enhanced)
FOV	12° x 9°	53.4° x 40.1° (Wide) 4.6° x 3.5° (Tele)
Focal Length	50mm f1	3.7mm (Wide) to 44.4mm (Tele), F1.6 to F2.5
Zoom	Continuous electronic zoom to 4X	12X Optical
System Specifications		
Size	210mm x 385mm	
Weight	≤9.0kg	
Pan / Tilt Coverage	360° Continuous Pan, +90°/-25° tilt	
Gyro Stabilisation	2 Axis, Heading Lock	
Video Output	Digital up to 1080p (HD) Analog PAL/NTSC (SD)	
Power Requirements	9 VDC to 32 VDC, <25 W Nominal; 50 W max	
Environmental		
Operating Temperature Range	-20°C to +60°C	
Storage Temperature Range	-40°C to +85°C	
Heater	Standard Window and Chassis De-Ice	
Encapsulation	IP67	
Vibration	IEC 60945	
Lightening Protection	Standard	
Salt Mist	IEC60945	
Wind	100 Knot (115.2 mph)	
EMI	IEC 60945	
Others		
Display & Control interface	Integrated 10.2” 1080p Display Console with Projected Multi-Touch Control	
Standard Package	Camera Turret 15m Interface Cable Remote Junction Box Integrated 10.2” 1080p Display Console with Projected Multi-Touch Control Operator Manual Installation Manual	
Warranty	1 Year	
Optional Accessories	2nd station Integrated Touch Display Joystick Control 30m Interface Cables	
Range Performance		
Detection Range*	Up to 3.4km	

* Subject to environmental conditions & based on NATO target (2.3m x 2.3m)

Note: Due to our policy of continual improvement, specifications may change without prior



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