



Ulysses mini

Compact dual payload marine thermal camera

The new Ulysses mini-series is an affordable, high-performance, gyro-stabilized marine thermal imaging system, featuring a day and night camera that delivers superior images in any lighting condition for demanding yacht masters and mariners.



Day/Night



2 Axis
Stabilization



8x
Hyperzoom



Superior
Sensor



H
264



Radar
Tracking

Dual Payload Day and Night Thermal Camera

Around-the-clock imaging capability to enhance operational safety and situational awareness.

- ▶ High-resolution 640x480 thermal camera
- ▶ High-performance 4K capable, day and low-light CMOS camera
- ▶ Smooth images, real-time awareness, and quick response
- ▶ Gyro-stabilized for steady viewing in rolling seas
- ▶ Wide display interfacing options
- ▶ Advanced MFD/mobile app touch-screen control
- ▶ Radar Slave and other advanced network functions
- ▶ Low power consumption
- ▶ Rugged/weatherproof construction
- ▶ Easy installation



View and operate
wirelessly via
mobile app



Designed for:

B&G **SIMRAD** **LOWRANCE**

Robustly Constructed, Beautifully Crafted.

Ulysses is sculpted from rugged materials and exquisitely finished with an **AWLGRIP** topcoat. The camera even comes with customizable LED lights that can match any vessel's theme! The Ulysses mini is the ultimate performance accessory for your boat!

Easy Integration

The Ulysses mini is designed to integrate seamlessly into most popular MFDs. A single cable installation greatly simplifies wire routing from camera to displays. A supplied junction box provides neat cable management, power distribution, and network connectivity to your boat systems.

Radar Slave Function

Provides a visual identification to what is otherwise a blip on the radar screen.



*sold separately

Joystick Controller

Ergonomic controller that provides precise control of camera position and quick access to settings.

Specifications

General Sensor Type Horizontal Field of View (HFOV) Lens Resolution Thermal Resolution Field of View Stabilization Focal Length Zoom	Thermal Camera 17um uncooled microbolometer 640X480 24° X 18° (Mini) / 18° X 13.5° (Mini+) Yes 25mm Continuous electronic zoom to 4X	Colour Camera 8.5MP CMOS 35.4° x 20° (Wide) 9° x 5.2° (Tele) Tamron DF30Q FHD 640X480 24° (H) X 18° (V) Yes 25mm 12X HyperZoom / E-zoom 48X
System Specifications Pan / Tilt Coverage Gyro Stabilisation Video Output Video Frame Rate Power Consumption Power Requirements	Pan: Continuous 360°, Tilt: 100°, -90° Yes HDMI, IP video 30 Hz/ 30 Hz 25W max PoE	
Environmental Operating Temperature Range Storage Temperature Range Encapsulation EMI / Salt Mist / Vibration Wind	-25°C to +55°C (-13°F to 131°F) -30°C to +70°C (-22°F to 158°F) IP66 IEC 60945 115mph / 100kn	
Range Performance Detect Man Small Vessel	Mini Up to 689m (0.43mi) Up to 1770m (1.10mi)	Mini+ Up to 963m (0.60mi) Up to 2467m (1.53mi)
Dimensions Size Weight	301mm X 187mm (11.8" X 7.4") ≤ 7kg (15.4lb)	

Note:

1. Due to our policy of continual improvement, specifications may change without prior notice.
2. System must not be used in replacement of human observation.
3. Detection range are based on industry-wide standards (Johnson's Criteria).

Assumptions:

1. 50% probability of achieving objective at specified distance given 2°C temperature difference.
2. Incremental atmospheric attenuation based on exponential factor per unit distance.