



Ulysses micro

High performance compact thermal camera

The Ulysses micro is a series of compact and highly affordable marine night vision systems designed for small, fast boat installation. As with the larger Ulysses, the micro-series cameras feature a high-performance long-wave infrared sensor that streams thermal imaging videos to your favorite multi-function displays with superior clarity and sharpness, unseen in competing products of its class. Mariners can have increased operational safety and situational awareness at sea even in complete darkness!



Compact



Smooth
Video



Zoom 4x



Superior
Sensor



H
264



Radar
Tracking



View and operate
wirelessly via
mobile app



Key Features

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

- ▶ 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

Robustly Constructed, Beautifully Crafted.

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

Easy Integration

The Ulysses micro-series cameras are 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 | Micro | Micro S | Micro S+ |
|------------------------------|---------------------------------------|----------------------|----------------------|
| Sensor Type | 17um Microbolometer FPA | | |
| Thermal Resolution | 384 X 288 | 384 X 288 | 640 X 480 |
| Field of View | 29° (H) X 22° (V) | 24° (H) X 18° (V) | 24° (H) X 18° (V) |
| Stabilization | N | Y | Y |
| Focal Length | 13mm | 15mm | 25mm |
| Zoom | Continuous E-Zoom 1.0X - 4.0X | | |
| System Specifications | | | |
| Pan / Tilt Coverage | Pan: Continuous 360° Tilt: 100°, -90° | | |
| Gyro Stabilisation | No | Yes | Yes |
| Video Output | HDMIL, IP video | | |
| Video Frame Rate | 30 Hz | | |
| Power Consumption | 25W max | | |
| Power Requirements | POE | | |
| Environmental | | | |
| Operating Temperature Range | -25°C to +55°C (-13°F to 131°F) | | |
| Storage Temperature Range | -30°C to +70°C (-22°F to 158°F) | | |
| Encapsulation | IP66 | | |
| EMI / Salt Mist / Vibration | IEC 60945 | | |
| Wind | 115mph / 100kn | | |
| Range Performance | | | |
| Detect Man | Up to 359m (0.22mi) | Up to 414m (0.26mi) | Up to 689m (0.43mi) |
| Small Vessel | Up to 924m (0.57mi) | Up to 1066m (0.66mi) | Up to 1770m (1.10mi) |
| Dimensions | | | |
| Size | 220mm X 140mm (8.7" X 5.5") | | |
| Weight | ≤ 2.5kg (5.5lb) | | |

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.