



STARLIGHT
ITALIA

X SERIES EO / IR / NV Camera

Long-range thermal imaging cameras for border and coastal surveillance applications

A high affordable technology to perfectly stabilize a high-resolution image even on small vessels and rough sea conditions.

- Light weight
- Multiple choice of sensor
- Ruggedized for maritime application
- Operator interface unit
- Multi-format video outputs

Radar slaving

- Gyrostabilization



FEATURES

X SERIE marries mechanical and electro-optical engineering to provide users with discrete self-contained systems.

Navigation:

The X SERIE multi sensor payload boosting of thermal imaging, night vision based on 2A+ light amplification tube and optical day camera to provide unparalleled, hazard detection, threat assessment and situational awareness 24/7.

Operator Interface:

A range of operator control panels are available that enables X SERIE systems to be integrated both in new and existing ship configurations.

Gyrostabilization

The X SERIE is equipped, as option, with gyro platform, based on a proprietary software. The X SERIE is designed to be used for various marine applications like SAR (Search and Rescue) boats, law enforcement vessels, high-speed patrol craft and other types of vessels. The camera can provide equally clear, high resolution video in total darkness. as well as in bright sunlight.

You can even see through smoke and fog.

The camera module is actively stabilized to counteract the motion of the ship and providing a live video feed.

The X SERIE can be completely custom built to meet your exact requirements.

Options include, but are not limited to, night vision camera, uncooled thermal cameras, ultra low-lux cameras, zoom low-lux cameras, radar integration, gyro stabilization, video computing and more.

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MAIN APPLICATIONS:

1. SAR (Search and Rescue) operations:

- Quick and easy search for anomalies even on rough sea conditions.
- Safe and exact navigation during the SAR operation.
- Recording SAR or MOB operations.

X SERIE system create new opportunities for SAR oprations and makes them more safe and effective.

2. LAW ENFORCEMENT

Law enforcement. speedboat, police thermal marine cameras.

- Night vision and navigation systems.
- Identification of the vessels at limited visibility.
- Detection illegal traffic on sea and pollution monitoring
- Detecting unexposed boats and blind pilotage assistance.\
- SAR operations.

X SERIE camera system provides the opportunity to identify the vessels at night and in poor visibility and on rought sea conditions.

3. ICE DETECTION

- Ice and iceberg detection thermal marine cameras and night vision

X SERIE camera system for ice detection ensures highers safety even in rough sea conditions and at night

The camera system gives a much broader and more accurate live video feed of the location of ice bank compared to the commonly used information provided by the radar and the narrow search light.

The X Serie uses a high affordable technology to perfectly stabilize a high-resolution image even on small vessels and rough sea conditions.

X SERIE is a compact electro optical control system optimised for deployment on all kind of vessels, having been designed specifically for naval vessels applications with a mass of only 5 Kgs.

It marries mechanical and electro-optical engineering with DSP (digital signal processor) to provide users with discrete self-contained systems.

The X Serie is designed to be used for various marine applications like SAR (Search and Rescue) boats, law enforcement vessels, high-speed patrol craft, work boats, fishing boats, cruise ships, commercial vessels and other types of vessels.

The camera can provide equally clear, high resolution video in total darkness, as well as in bright sunlight. You can even see through smoke and fog

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	SX NIGHTHAWK	SX NIGHTHAWK PRO	SX PL 640	SX IR FORCE	SX STARLIGHT ONE FB DESIGN
360° Continuous Pan	•	•	•	•	•
360° Continuous Tilt				•	•
3 Axis Joystick				•	•
Proportional Touch Joystick	•	•	•	•	•
Embedded DVR		•		•	•
Ultralow-lux day color camera	•	•	•	•	•
Light Intensifier Electron Tube	•	•			•
High-Sensitivity Thermal Camera			•		
Ultra-Sensitivity Shutterless Thermal Camera				•	•
Day Camera Optical Zoom				•	•
Thermal Camera Digital Zoom			•	•	•
Auto Image Reversal Function				•	•
OSD Multi-touch Function				•	•
ISP Multi-touch Display				•	•
Parallel View Function				•	•
Pip View Function				•	•
Image Computing Software				•	•
Radar Slaving					•
Gyro Stabilization				•	•
Multi Input Platform					•
Embedded UPS Aided				•	•

