



19" rack unit (6U)



Automate your Vessel

- improve your operations at sea



Installed in IP rated rack for open boat

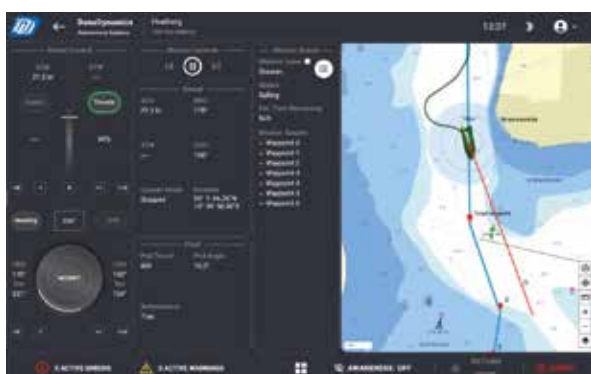
DanaDynamics is a Danish maritime tech company specialising in developing autonomous navigation and control systems.

AUTONOMOUS CONTROL SYSTEM ADAPTABLE TO ANY SIZE VESSEL AND TYPE

By integrating the add-on autonomous navigation system from DanaDynamics, your vessel can be converted into an autonomous naval drone, that can safely navigate without human intervention.

The navigation system is designed to integrate with different nautical systems. Safe navigation obtained with active and/or passive sensors.

Integrates with selected electric propulsion systems and combustion engines combined with additional actuation units.



Add-on control system:

- The system comes in a standard 19" rack unit (6U)
- Integrates with standard marine data protocols
- Embedded hardware to communicate with proprietary protocols
- Integrate with actuators for mechanical operation
- Communication and control between vessel and payload
- Input voltages range from 12 - 48v DC / 230v AC

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DanaDynamics ApS · Abildvej 5E · DK-5700 Svendborg · Denmark · info@danadynamics.com
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Naval missions:

The control system can operate the vessel during naval missions

- Logistic
- Mine and UXO search
- Interception
- Mine deployment
- Surveillance
- Intelligence
- SAR Operations
- Survey
- Strategic diver operations
- Medical evacuation
- Subsea Operations
- Seabed Warfare



Benefits:

- Navigating autonomously on a predefined mission
- Using Waypoint navigation along with heading, course and speed control
- Real-time data and visual feedback from the vessel to operator via 4/5G or SatCom
- The add-on system can be implemented on all types of vessels. Retrofit or new build
- Works from 0-50+ kn
- Allow accurate repetition of predefined sailing missions



GAIN AN ADVANTAGE WITH ADVANCED AUTONOMY

With our autonomous navigation system, your naval unit can leverage the latest technology and achieve a significant enhancement in the ability to conduct naval missions.

The system enhances safety, improves operational efficiency, and provides a competitive edge in automated naval defence missions.

If implemented on existing daughter craft, you can reduce the logistic issues with storage, crane capacity and support systems, that normally follow an operation with a specialized USV.

Learn more about our naval capabilities, our maritime autonomy system and how it can support and strengthen your missions.



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