

# Avikus NEUBOAT

360 Camera System • Intelligent Navigation • Smart Assist Boating

DIVISION OF  
 HD HYUNDAI

# NEUBOAT DOCK II

The Most **Advanced** Camera System in the Market.



## NEUBOAT Dock II

Avikus's award-winning smart docking system. Designed to take the stress out of maneuvering large vessels. Whether you're navigating a crowded marina or docking solo, NEUBOAT Dock II gives you full 360° situational awareness and precision control at



# Key Features:

- 360° Surround View with pan, tilt, and zoom capability.
- Dynamic Object Detection & Virtual Bumper.
- Docking Assist Guidance with a Home Point return feature.
- Intuitive 3D User Interface.
- In-Water Calibration—no haul-out required for installation.
- Universal Compatibility via HDMI and USB-C (Garmin, Raymarine & more).
- **Stress-Free Docking**
  - Say goodbye to blind spots and docking anxiety. Dock with confidence, even in tight slips or windy conditions.
- **Effortless Integration**
  - NEUBOAT Dock II installs easily on existing vessels without haul-outs. It's display-agnostic and ready for refit on nearly any brand.
- **Award-Winning Innovation**
  - Recipient of the 2025 NMMA Innovation Award, this is the only AI-powered docking system that adapts to your boat and grows with you.



Flexible  
Layout



Dynamic  
Virtual Bumper



Customized  
3D Boat Model



Pan-Around  
360 Surround View

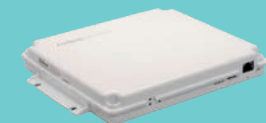
## WHAT'S INCLUDED



6 x Fish-eye Cameras



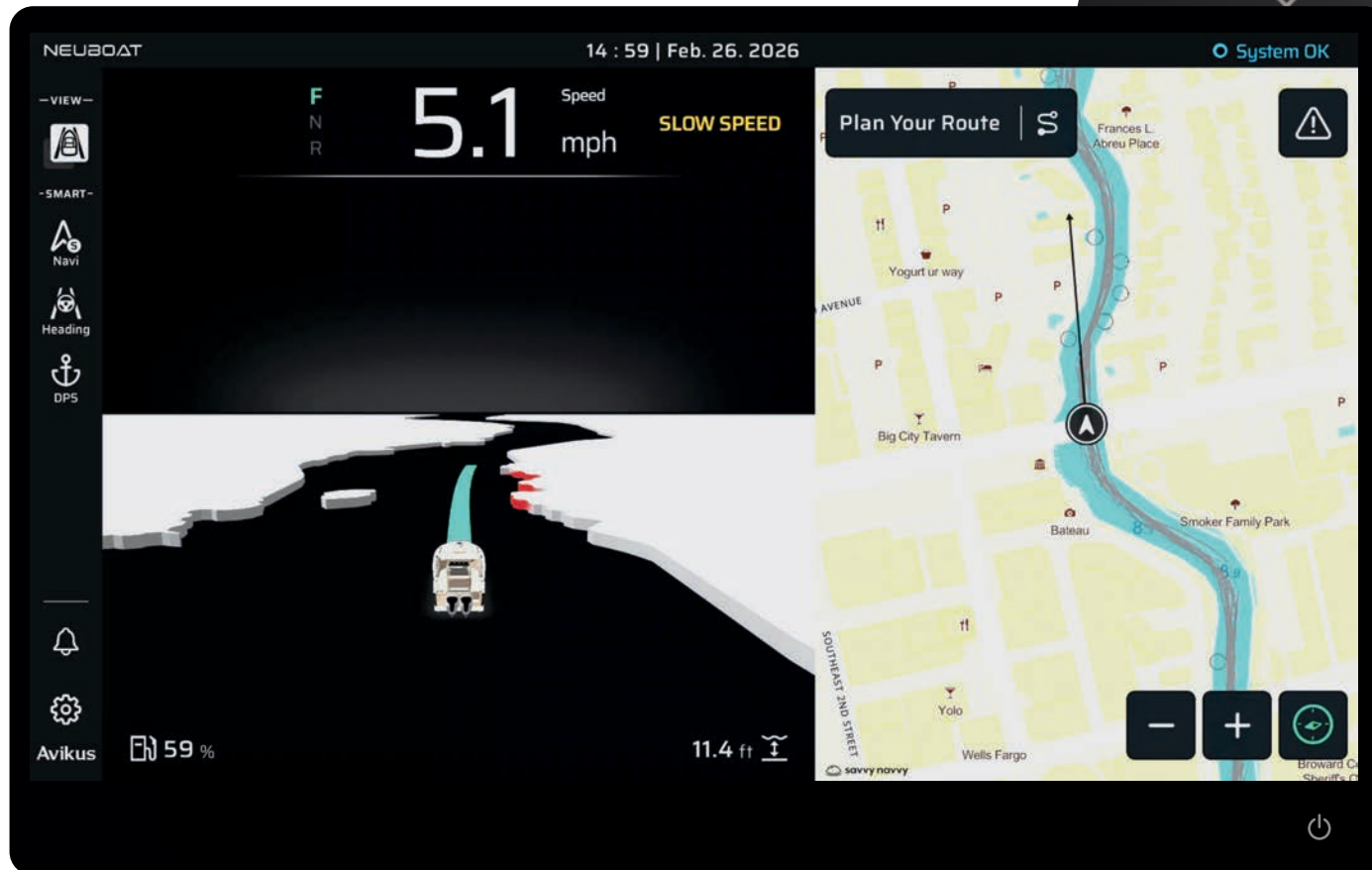
ORU | Object Recognition Unit



CCU | Camera Conversion Unit

# NEUBOAT SMART NAVI

Navigate **Intelligently**, Cruise with **Confidence**



## NEUBOAT Smart Navi

NEUBOAT Smart Navi gives you real-time awareness of what's ahead so you can navigate busy waterways with clarity and confidence. By continuously detecting, tracking, and assessing objects around your vessel, it helps reduce risk, eliminate guesswork, and make close-quarters maneuvering feel effortless. Whether approaching a crowded marina or cruising unfamiliar waters, NEUBOAT Smart Navi supports safer decisions when it matters most.



# Key Features:

## Smart Assisted Control

- Forward-facing camera and LiDAR provide live situational awareness
- Intelligently detects hazards and assists with speed reduction or stopping
- Designed to provide more adaptive and responsive navigational assistance

## Intelligent Routing

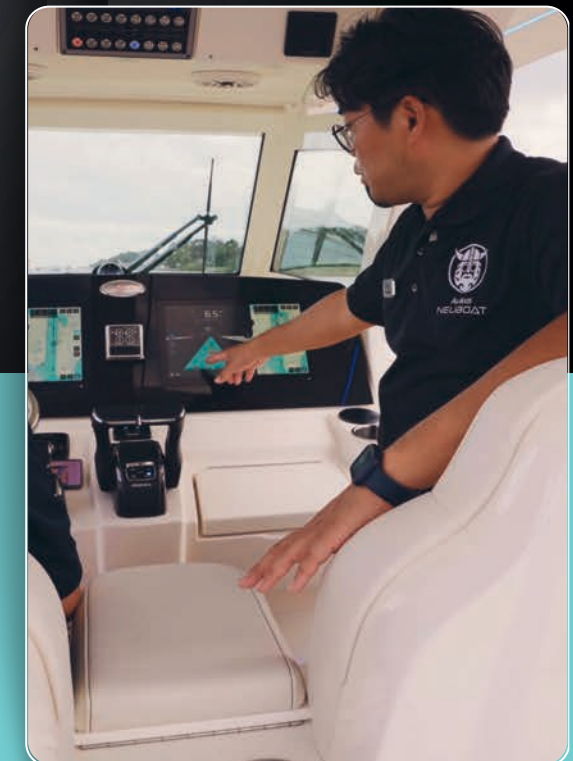
- Integrated with  savvy navvy for advanced charting
- Select waypoints & receive optimized, safe routing

## Adaptive Awareness

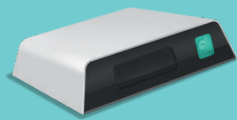
- Cruise-like speed matching when following vessels
- Intelligently assists with slowing or stopping when risk increases

## Seamless Integration

- Compatible with single or multi-engine outboard vessels
  - Supports electric steering systems
- (Does Not Require Joystick)
- (Contact Avikus for compatibility details)



## WHAT'S INCLUDED



Camera | Front View Monitor



LiDAR



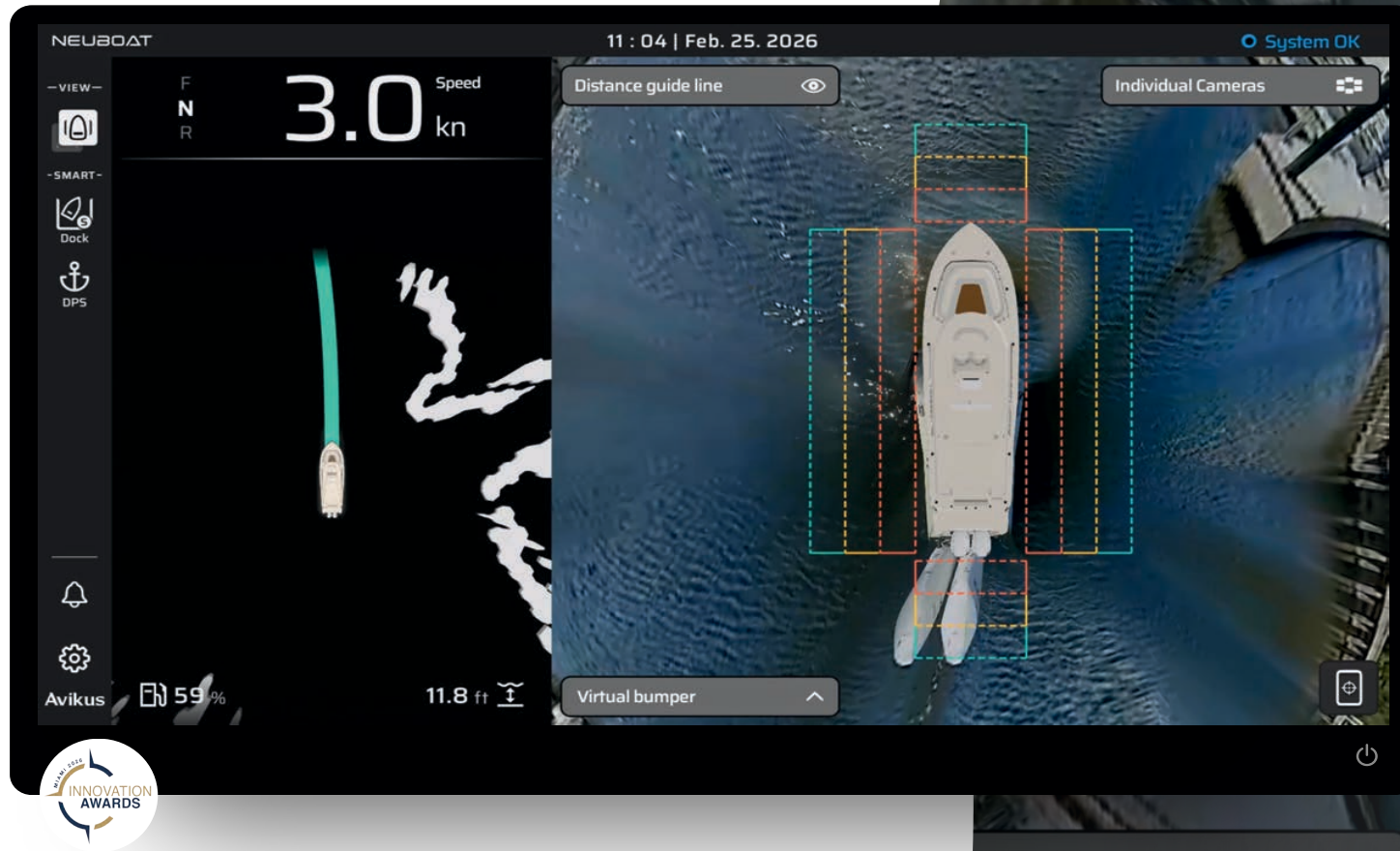
ORU | Object Recognition Unit



Engine Gateway

# NEUBOAT SMART CONTROL

Dock **Smarter**. Cruise **Confidently**



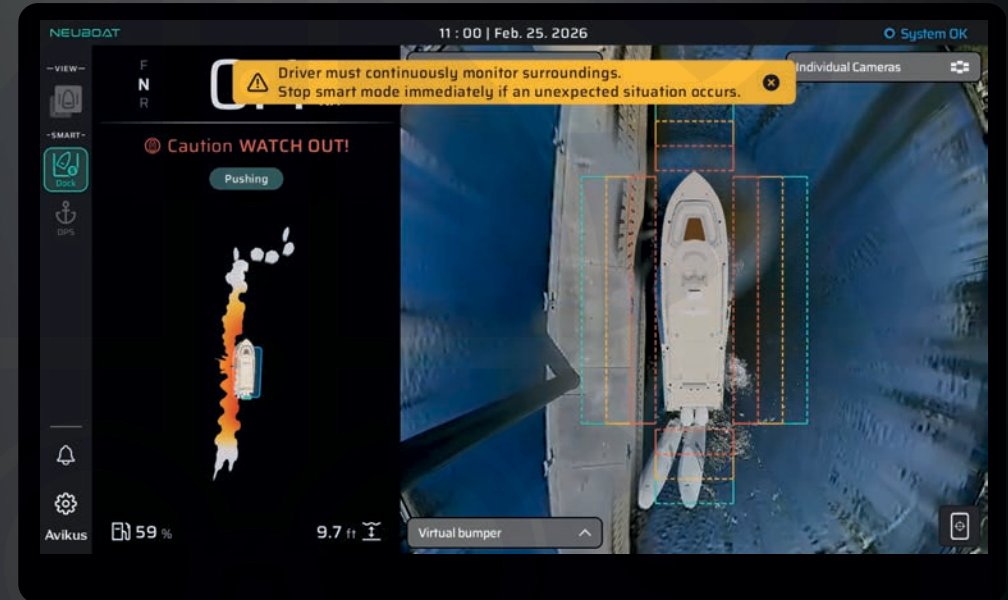
## NEUBOAT Smart Control

The NMMA Innovation Award-winning engine integration that completes your NEUBOAT suite. NEUBOAT Smart Control connects to your vessel's throttle and steering, enabling intelligent navigation and assisted docking when paired with NEUBOAT Dock II and NEUBOAT Smart Navi.

A Level 2 Operator-Assist System designed to bring it all together.

## Key Features:

- Smart Autopilot System
- Smart Docking Assist (paired with NEUBOAT Dock II)
- Adaptive Cruise Control
- Collision Avoidance Assist
- Intelligent route following (paired with NEUBOAT Navi)
- Works with single or multiple engines
- Compatible with electric steering on outboard boats



### Complete the NEUBOAT Suite

Dock II sees the dock. Smart Navi sees the water. Smart Control brings it all together—integrating with your engine systems to enable Smart Navigation and Intelligent Assisted Docking across the full NEUBOAT platform.

### Seamless Integration

Retrofits onto existing vessels. Compatible with Garmin, Raymarine, Navico, and more.

Built for Today. Scalable for Tomorrow.

Start with Dock II or Smart Navi. Add Smart Control to unlock the full platform.

*NEUBOAT Smart Control is a Level 2 Operator-Assist System. The captain is responsible for safe vessel operation at all times.*

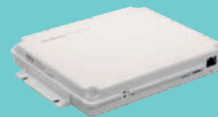
## WHAT'S INCLUDED



6 x Fish-eye Cameras



ORU | Object Recognition Unit



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Camera | Front View Monitor  
LIDAR



Engine Gateway



## Avikus NEUBOAT



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### Warranty

Avikus NEUBOATs are backed by a **3-year** standard warranty and our commitment to world-class service and support. Visit [avikus.us](http://avikus.us) for complete warranty details.