

Replace your yachts' aging HMI marine touch screen with ease

Marine

Keywords

- Marine touch screen display
- Yachts
- Maritime standards
- Enhanced readability
- Customization features

In the premium maritime industry, the reliability and ergonomics of human-machine interfaces (HMIs) are critical to onboard safety and performance.

Modern yachts whether for private or professional use require rugged touch interfaces that remain legible in all lighting conditions and comply with the stringent regulations that govern maritime navigation.

Onboard electronic equipment ages quickly both software and hardware making regular HMI renewals essential to ensure a smooth user experience that meets current maritime standards.

Moreover, the miniaturization of navigation consoles and the pursuit of refined design call for compact, customizable HMI displays with no compromise on reliability.



Yacht builders and embedded-systems integrators face several major challenges.

First, compliance with maritime standards is a non-negotiable prerequisite for vessel certification. Without compatible or approved solutions, certification timelines can be extended or even blocked.

In addition, replacing obsolete HMI displays must respect tight space constraints while improving ergonomics and readability, day and night. And users increasingly expect an attractive, intuitive interface, with digital navigation instruments that can be customized to their needs.

In this context, Fuji Electric's MONITOUCH MARINE HMI – V9/V10 Series offers a comprehensive, purpose-built response to these specific requirements.



The HMIs MONITOUCH Marine V9 or V10 Series are specifically designed for embedded applications in demanding maritime environments.

Available in sizes from 5.7 to 12.1 inches, they stand out for their compactness, making integration easier on narrow helm consoles.

These HMI touch screens are certified by the leading maritime classification bodies:



**ClassNK
Nippon Kaiji
Kyokai (NK)**



**Lloyd's
Register of
Shipping (LR)**



**American
Bureau of
Shipping (ABS)**

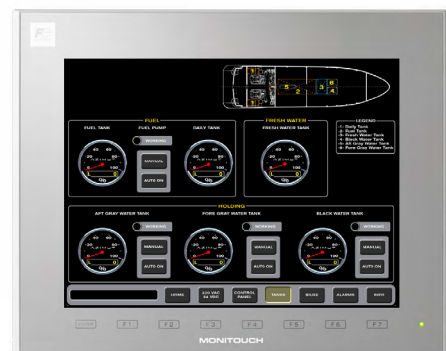
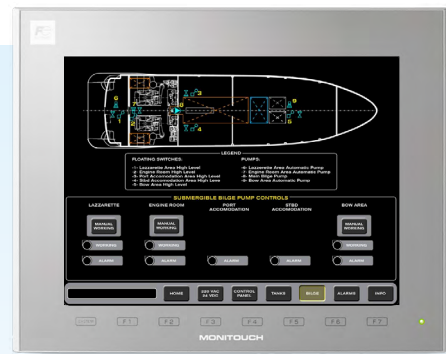


**Det Norske
Veritas (DNV)**

These approvals guarantee compliance with international standards for safety, robustness and reliability, and attest to technology that has been proven in the field for several decades.

The 128-level brightness control and LED backlight ensure perfect readability in any lighting conditions from bright daylight to night navigation without glare.

The interface is customizable, with configurable analog displays (needles, gauges, scales) to match user preferences and dashboard requirements.



Thanks to this unique combination of certifications and features, these marine HMIs are the ideal solution for modernising navigation equipment:

Speed

Engine and ambient temperature

Oil pressure

Fuel or water tank levels

Safety alarms and system alerts

Navigation data such as heading, GPS or depth

Operating status of on-board equipment

Boat-specific procedures



On a technical level, the V9 and V10 Marine series HMIs feature Ethernet, Modbus, CAN and serial connectivity, as well as advanced monitoring, remote maintenance and multi-protocol communication capabilities, ensuring compatibility with most controllers and sensors on the marine market.

Thanks to this unique combination of certifications and features, human-machine interfaces for marine applications are the ideal solution for modernising navigation equipment.

Your benefits

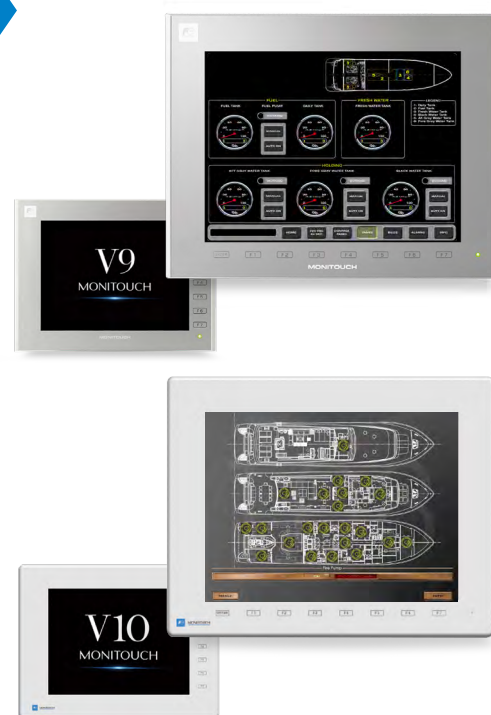
- + **Simplify the replacement of legacy equipment with compact formats and broad compatibility.**
- + **Stay compliant with current maritime standards using pre-approved models.**
- + **Instantly improve readability with an adaptive-brightness display.**



A command and control solution for yachts

V9 and V10 Monitouch marine HMI series

- **High-visibility touch display**
Optimal legibility with LED backlighting and 128 brightness levels
- **Compact formats for existing helm consoles**
Easy integration with sizes from 5.7 to 12.1 inches (model-dependent)
- **Fully customizable interface**
Create configurable gauges, needles, and dials tailored to navigation needs
- **Guaranteed maritime compliance**
Approvals: ClassNK, LR, ABS, DNV
- **Advanced communication functions**
Multi-protocol compatibility: Ethernet, CAN, RS232/485, Modbus, etc.



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