



ROBOSYS REMOTE WIRELESS CONTROLLER

HARDWARE SOLUTION IDEAL FOR POWERFUL REMOTE CONTROL OF USVs

Robosys's Remote Wireless Controller is an easy-to-use controller for a variety of maritime applications. Operate USV's from a distance, take control of an autonomous vessel, or stop it instantly with the built-in emergency stop. Rugged enough for any environment, it puts you in control of vessel safety and productivity.

KEY FEATURES

- ✓ LINE OF SIGHT VESSEL CONTROL
- ✓ RUGGED WIRELESS CONTROLLER
- ✓ INTEGRATED E-STOP
- ✓ TRANSFER OF CONTROL TO GCS



SPECIFICATIONS

WIRELESS FREQUENCY OPTIONS

- 99MHz FHSS
- 2.4 GHz FHSS

TRANSMIT POWER

- Up to 1W, subject to local regulations

LINE OF SIGHT RANGE

- Up to 2km at 900 MHz
- Up to 500m at 2.4 GHz

May vary based on antenna placement, obstructions, and environment

REMOTE WIRELESS CONTROLLER:

- Battery life: Up to 12 hours
- Operates while charging
- IP65 enclosure
- Operating temperature: -20°C to 60°C
- Measures 184 x 165 x 76.2 mm
- Approximately 0.5 kg
- Drop and abandonment detection (user configurable)
- Sunlight-readable LCD, backlight setting

CONTROLLER RECEIVER:

- IP 66 enclosure
- Measures 150 x 81.3 x 63.5 mm
- Approximately 0.45 kg



REMOTE OPERATIONS CENTRE



DEPLOYABLE GCS



REMOTE WIRELESS CONTROLLER



CONTROLLER RECEIVER



ROBOSYS CANBUS MODULE



ROBOSYS AUTOPILOT



EXAMPLE USV

CONTACT THE ROBOSYS TEAM TO DISCUSS HOW YOUR BUSINESS CAN BENEFIT FROM ROBOSYS' SOLUTIONS

VISIT OUR WEBSITE



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