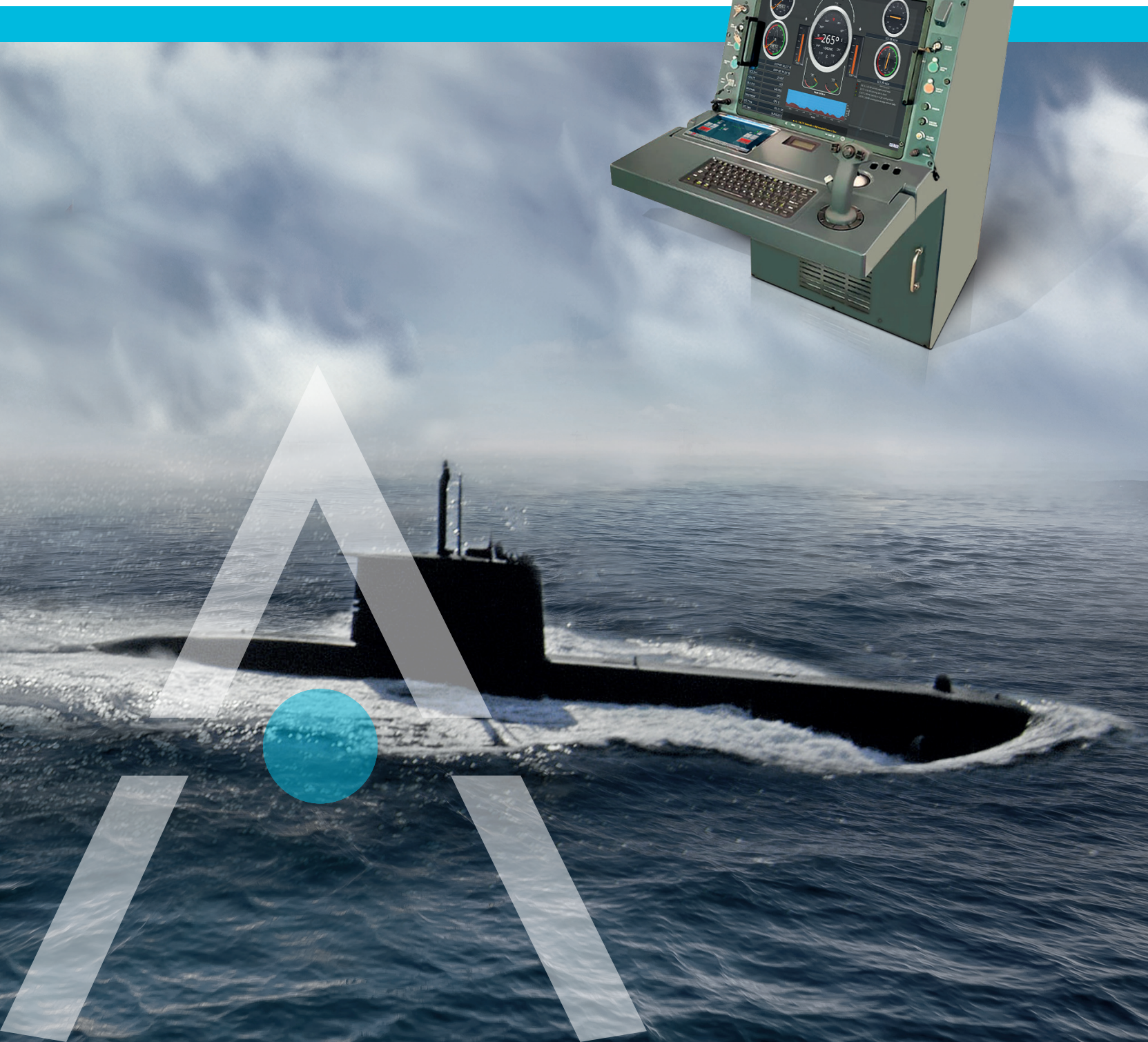


www.yaltes.com/opcon.sub

YALTES

Operator Console for Submarines

Multifunction Operator Console



Operator Console for Submarines

Operator Console for Submarines is an extreme rugged console of the submarine command and control system whose primary objective is to provide a software-hardware platform that gives interface between the operator and the system for access to system resources as well as handles HMI Functions and emergency status control capabilities. Operator Console for Submarines ensures that housed units and equipment are protected from the severe environmental conditions onboard as well.



Operator Console for Submarines provides;

- › Double-screen operator consoles have a design that allows each display to be accessed independently, displays with shock absorbers and hinges to allow for easy access for the maintenance
- › Ease of access, maintenance and repair with a foldable design due to space restrictions in the submarine
- › Stable and rugged mechanical structure to damp shock and vibration
- › Automated anti-condensation heating capability
- › The mechanical structure and water cooling protect the hardware components and ensure low heat dissipation
- › Ergonomic design and user-friendly Human Machine Interface (HMI)
- › Below part of the console provides space for additional components such as computers, switches etc

TECHNICAL DATA

User Interfaces:

- UXGA 20.1" Displays x 2
- 6.5" Panel Display
- Keyboard, Trackball, Joystick (Option)
- Alphanumeric Status Display
- Audible and luminous alarm for critical faults
- Dedicated buttons located on both sides of the displays

Power:

- 115 Volts, 60 Hz

Cooling:

- Water cooling
- Air cooling for emergency cases

Structure:

- Heavy-duty aluminum construction
- SuTec 650 environmental friendly surface treatment

Operator Console for Submarines;

- › Contains a fire extinguisher inlet for fire cases
- › Is produced with devices with high reliability
- › Includes interface cards for sonar audio and periscope

ENVIRONMENTAL FEATURES

Temperature	MIL-STD-810G
Humidity	MIL-STD-810G
Vibration	MIL-STD-167-1
Structure borne Vibratory Acceleration Measurements	MIL-STD-740-2
Audible Noise	MIL-STD-1474D
Shock	MIL-S-901D
Ingress Protection	MIL-STD-108E IP X2

Dimensions: 60x54x183 cm (WxDxH)

Weight: Up to 250 kg (Typical Payload)

Operator Consoles for Submarines are in full series production and in use on board Preveze class submarines.

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