

MULTIFUNCTION OPERATOR CONSOLES

Operator Consoles are ergonomic multi-function Human Interaction Equipment designed for the distributed architecture of Ship Combat Management Systems. They also provide environmental protection for the COTS equipment housed within, per the relevant military standards. YALTES Consoles provides;

- multiple data entry, display and control devices,
- redundant data network and versatile video network interfaces,
- extensive console monitoring and control functions,
- powerful computing facilities for CMS applications,
- ease of access, maintenance and repair,
- stable and rugged mechanical structure.

Design philosophy focuses on providing flexibility in equipment choice and special arrangement as well as changes in functionality without sacrificing ergonomic considerations or adherence to military standards. YALTES can tailor the basic form Operator Console to suit CFE/GFE constraints, space limitations or additional capabilities.

On the other hand, with its highly experienced and skillful design team and efficient design tools and procedures, YALTES could also provide a custom made solution, based on your desired requirements.

Along with the products provided, the inherent design, production and operational documentation and integrated logistic support could also be rendered as a life cycle solution partner.

Multifunction Consoles are qualified to;

- MIL-STD-461E: EMI, EMC
- MIL-STD-810F: Shock, Humidity, Low Temperature, High Temperature
- MIL-STD-167/1: Vibration
- Inclination
- MIL-STD-108E: Drip Proof
- EN 61000-4-2 (level 3): Electrostatic Discharge Susceptibility
- MIL-STD-1474D: Acoustic Noise Limit



Common Technical Data for the Consoles

Console Control: Console Control SW

User Interfaces: Keyboard, Trackball, Quick Entry Pad, Dual 20" LCD, Protected Keys, Joystick.

Outputs: - TV - Radar Video Display & Recording,
- Map Interlacing,
- Operational Status Warnings,
- External interface to Data and Video, networks via Mil-Std-38999 connectors

Power: 115 Volts, 60 Hz UPS 1500VA
(220 Volts, 50 Hz Option)

Operator Console (OPCON)

Dimensions (W x D x H): ~ 80 x 130 x 160 cm.

Weight: ~235 kg. (Typical payload)



Tactical Action Console (TACON)

Dimensions (W x D x H): ~ 110x129x122 cm.

Weight: ~265 kg. (Typical payload)



Slim Line Console

Basic HMI Unit (*)

Dimensions (W x D x H): ~ 80x62x160 cm.

Weight: ~150 kg. (typical payload)

() Cabinet can either be chosen to be of OPCON cabinet or a common cabinet supporting more than one console.*



Other Console Applications



EO Console



Sonar Console



Digital Console