

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



Operator Consoles





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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. 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 logistics support could also be rendered as a life cycle solution partner.

The small footprint, low height of the console and the Inter Console Unit (ICU) provide a large field of view for the Command Team.

COMMON TECHNICAL DATA

Console Control: Console Control SW

User Interfaces: Keyboard, Trackball, Quick Entry Pad, Protected Keys, Joystick or PTZ Controller. Dual 20", Single 30" or 32"(4K) displays

Inputs/Outputs:

TV-Radar Video Display & Recording
Map Interlacing
Alphanumeric Operational Status Warnings
External Interface to Redundant Data and Digital Video Networks via Mil-Std-38999 connectors

Power:

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

YALTES Consoles provide;

- > 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
- > Remote start-up/shutdown capability.

TECHNICAL CHARACTERISTICS

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

Physical Data	Dimensions (W x D x H) cm	Weight (Kg)
Operator Console (OPCON)	80 x 129 x 160	235
Tactical Action Console (TACON)	110 x 129 x 122	265
New Type Operator Console	80 x 100 x 125	180
Weapon Control Console	76 x 126 x 169	250
Shelter Operator Console	55 x 72 x 115	85

