YALTES

Operator **Console**





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Operator Console (OPCON) is an ergonomic multi-function Human Interaction Equipment designed for the distributed architecture of Ship Combat Management Systems (CMS). Operator Console provides environmental protection for the COTS equipment housed within, in accordance with relevant military standards. Operator Console is a proven design and can be used with any Combat Management System.

Operator Console provides;

- Multiple data entry, display and control devices
- Redundant data network and versatile video network interfaces
- High-performance computing resources for CMS applications
- Ease of access, maintenance and repair
- Stable and rugged mechanical structure
- Modular system architecture allows for versatile and customizable equipment configuration
- Ergonomic design to comply with MIL-STD-1472F

TECHNICAL DATA

User Interfaces:

- 2x UHD 24'' Display
- Keyboard, Trackball, Joystick
- Audio Playback Unit (optional)
- Audible and visual alarm for critical faults

Input / Output:

TV-Radar Video Display & Recording

Map Interlacing

Redundant Data and Digital Video Networks

Power: 115 Volts, 60 Hz / 220 Volts, 50 Hz

Power Consumption: 500 VA (typical payload)

Cooling: Air cooling

Structure:

- Heavy-duty aluminum construction
- SurTec 650 environmental friendly surface treatment
- Bottom and/or rear mounted shock absorbers

Operator Console can be tailored and delivered in various heights and depths depending on specific customer requirements.

The small footprint, low height of the console provide a large field of view for the Command Team.

ENVIRONMENTAL FEATURES	
Storage Temperature	MIL-STD-810F
Operating Temperature	MIL-STD-810F
Humidity	MIL-STD-810F
Shock	MIL-STD-810F
Ingress Protection (Rain-Drip Proof)	MIL-STD-108E
Acoustic Noise	MIL-STD-1474D
Vibration	MIL-STD-167/1
ESD	MIL-STD-461F
EMI/EMC	MIL-STD-461F

Dimensions: 80x116x176 cm (WxDxH)

Weight: 185 kg (Typical payload)

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Operator Consoles are in full series production. More than 700 operator consoles of various types are operational in use by 30 navies.

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