

CONSOLE DMSS-2000LF

MULTIFUNCTIONAL CONSOLES FOR SONAR APPLICATIONS



Supplied to: WASS

Description

MULTIFUNCTIONAL CONSOLE FOR SONAR CONTROL AND FOR THE DISPLAY OF TACTICAL INFORMATION RELATED TO UNDERWATER.

TECHNICAL SPECIFICATIONS

Display	2 LCD 20.1" monitors, Si/TFT technology, 1280x1024 pixels resolution.
Control desk	ECDIS: 1 QWERTY keyboard, 1 trackball RADAR: 1 programmable "touch screen" keyboard, 1 trackball.
Processor	ECDIS: PC Pentium-IV, 2.4 GHz.
RAM Memory	ECDIS: 512 MB SDRAM.
Backplane	N.2 VME64X buses in 2 racks . Extractor and tracker modules.
Operating System	SUN Solaris ver. 8.0, patch 21.
Graphic Processor	PCM "Dual-head" graphic adaptor, with 1 16 MB SGRAM/channel and RGB video resolution better than 1900 x 1200 pixels.
Hard disk	ECDIS: slim 80 GB, IDE interface.
Additional Memory support	N.1 DVD/CD-R/W driver, compatible to all formats. It supports 1 5.25" reader on the front panel.
UPS	ECDIS: 12V, 4 Ah battery pack.
Floppy	3,5" slim floppy drive.
Diagnostics	Built-in test equipment (BITE) for hardware checking and fault isolation.
Power Supply	220 VAC or 115VAC, single phase, 50/60 Hz. 3.0 KVA Power Consumption. Power distribution unit and 2 VME power supply modules.

ENVIRONMENTAL REQUIREMENTS

Operating range of temperature	From 0°C to +50°C.
Storage range of temperature	From -40°C to 70°C as per MIL-STD 2036 par. 5.1.2.17.1 for inner units.
Humidity	More than 80% at +40°C non-condensing.
Salt	MIL-STD-2036 par. 5.1.2.12.2.
Vibration	MIL-STD-167. 1:14-100 Hz, Ampl. 0.2g peak.
Drip-proof	MIL-STD-108E.
Shock	0.5 sine, 30 g for 11 milliseconds.
Safety	MIL-STD 2036 par.4.10.
EMI	MIL-STD-461E.

DIMENSIONS

Height	1380 mm
Width	1230 mm
Depth	730 mm
Weight	430 Kg.

AVAILABLE INTERFACES

- 3 Ethernet 100BaseTX interfaces
- 1 RS/422 serial port