MFC-TSC-TLG

MULTIFUNCTIONAL CONSOLE FOR THE MANAGEMENT OF THE COMBAT SYSTEM

GEM elettronica

Supplied to: **ALENIA MARCONI SYSTEMS**

Description

MULTIFUNCTIONAL CONSOLE FOR THE MANAGEMENT OF THE COMBAT SYSTEM

TECHNICAL SPECIFICATIONS

Display	Two 23" LCD monitors, Si/TFT technology, 1600x1200 pixels resolution
Control desk	1 QWERTY (82 keys) keyboard, 1 trackball
Processor	PowerPC 750, 366 MHz
RAM Memory	128 MB PC
Backplane	20 slots VME64x Bus
Operating System	LYNX-OS with drivers for all installed peripherals
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	9 GB
Additional Memory support	4GB DAT. Driver CD-ROM SCSI
Diagnostics	Comprehensive built-in test equipment (BITE) with fault detection and fault isolation
Power Supply	220 VAC or 115VAC, single phase, 50/60 Hz 1.7 KVA Power Consumption Distribution Unit on the front panel with ON/OFF, FAIL and TEMP. ALARM leds

ENVIRONMENTAL REQUIREMENTS

Operating range of temperature	From 0°C to +50°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	1560 mm
Width	610 mm
Depth	1125 mm
Weight	220 Kg

INTERFACES STANDARD

N. 1 FDDI interface
N. 1 NTDS interface