



CDU

EW CONSOLE DISPLAY UNIT



Description

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TECHNICAL SPECIFICATION

Display	Two 23" LCD monitors, Si/TFT technology, 1600x1200 pixels resolution, swapping function available
Control desk	1 rugged QWERTY keyboard, 1 trackball. 1 Control Panel, 21 keys/pointers for several modes of operations. 1 audio panel with a loudspeaker, a volume control knob, a selector of the audio source and a connector for the headphone. 20W Lighting lamp
Processor	4 schede PowerPC modules with UltraSPARC-II Processor
RAM Memory	512 MB SDRAM
Backplane	N.2 VME64x Bus with 2 racks overlapping
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	18,3 GB with SCSI Ultra160 interface
DAT	N.1 DAT drive with interface SCSI for back-up data
Additional Memory support	1 CD-R/W Driver, compatible to all formats
Diagnostics	Built-in test equipment (BITE) with fault detection and isolation
Power Supply	220 VAC or 115VAC, single phase, 50/60 Hz 1.5 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
Humidity	MIL-STD 2036 par. 5.1.2.17.1 for inner units
Salt	More than 80% at +40°C non-condensing
Vibration	MIL-STD-2036 par. 5.1.2.12.2
Drip-proof	MIL-STD-167-1:14-100 Hz, Ampl. 0.2g peak
Shock	MIL-STD-108E. 0.5 sine, 30 g for 11 milliseconds
Safety	MIL-STD 2036 par.4.10
EMI	MIL-STD-461E

DIMENSIONS

Height	1841,5 mm
Width	610 mm
Depth	980 mm
Weight	160 Kg

AVAILABLE INTERFACES

- N. 70 connectors on the front and rear panels for:
- Audio signals from several sources
 - Blanking signals
 - RS/232 e 422 serial ports
 - Bias
 - "Battle short"
 - Fire
 - Ethernet
 - Radar
 - SSR reset

This brochure should not be considered a contractual offer. The specifications given herein may be changed by the manufacturer, GEM elettronica, without notice.

