



#### LCD SPECIFICATIONS

**DISPLAY TYPE:** Active matrix, (TFT), 6bits/color

**SIZE:** 19"

**RESOLUTION:** 1280 pixels by 1024 colored pixels

**BRIGHTNESS:** 225 Nits

**CONTRAST RATIO:** 700:1 typical

**PIXEL DIMENSION:** .294 mm

**COLOR:** 16.7 million colors

**VIEWING ANGLE RANGE**

**VERTICAL:** +/- 85deg

**HORIZONTAL:** +/- 85deg

**CONTROLS:** front controlled with full dimming capabilities

**DATA INPUTS:** VGA, 5BNC and HD15 video support (DVI & NTSC video input optional)

**INPUT POWER:** 85-264 VAC 47 to 63 Hz

**TEMPERATURE:** Operating Ambient: 0 C to +50 C non-operating -20 C to +75 C

#### General Data

**Power Consumption:** Less than 75 Watts

**Weight:** Less than 25 Lbs

**Cooling:** Natural Convection / fan

**MTBF:** 10,000 hours

#### Environment

**Shock:** COMPLIES TO and qualified by NAVSEA HQ

Mil-S-901D, Grade A, Class1 Type A

Mil-STD- 810E

#### Vibration:

Mil-STD-167-1a, Type1

#### EMI:

Mil-STD- 461E

#### Drip Proof:

Mil-STD- 810E

#### Sand & Dust:

Mil-STD- 810E

#### LCD OPTIONS

Touch Panel Acoustic, Capacitive, Resistive

Low temperature Operating -40 C to +60 C

Low temp storage -40 C

NTSC, PAL Video, Pentium

Pentium and X terminal capabilities

Brightness 300 Nits to 1800 Nits.

Keyboard & Trackball

Explosive Atmosphere

Crash Worthiness

NVIS Compatible

LED backlight for highbright, up to 1300 Nits

