



RF-19 LCD 8U Rackmount 19" LCD



THE RF PRODUCT LINE CONSISTS OF FLATPANEL DISPLAYS ENGINEERED FOR USE IN HARSH, DEMANDING ENVIRONMENTS, INCLUDING SHIPBOARD AND MILITARY. NEURO LOGIC ONLY USES THE HIGHEST QUALITY LCDs AVAILABLE. IN ADDITION, ALL LCDs AND CONTROLLERS ARE CUSTOM BUILT AROUND NLS'S STRICT REQUIREMENTS. THIS DOES NOT MEAN THEY ARE THE MOST EXPENSIVE EITHER! CUSTOMERS INCLUDE THE US ARMY, NAVY, AIR FORCE, NOAA, SPAWAR, NASA AND MORE.

- 2-YEAR WARRANTY
- CUSTOMIZABLE
- MIL-SPEC OPTIONS
- TOUCHSCREEN OPTIONS



KEY FEATURES

- Resistive or Acoustic Wave (SAW) •
- Touchscreen (optional)
- 3mm heat-treated glass (on most models)
- 80-degree (up/down/left/right) viewing on all panels
- Front OSD controls
- Backlight/Inverter Controls (optional)
- Fan-cooled electronics (certain models)

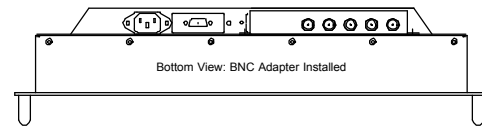
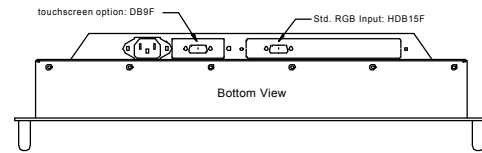
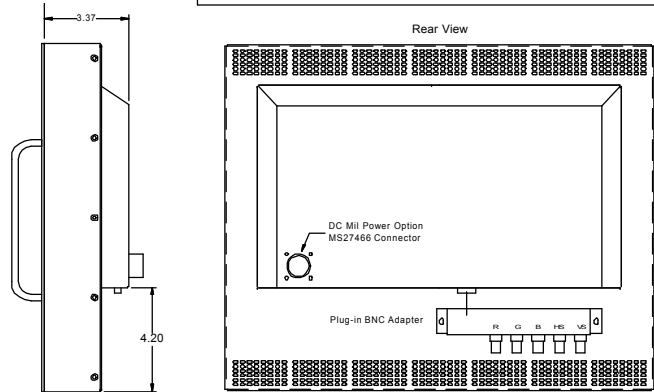
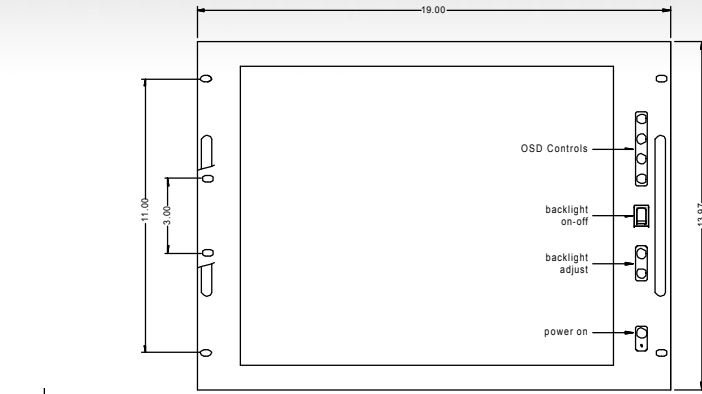
- HD-15 - BNC or NTSC
- RGB Green Sync, RS-170, Y and C (S-video) thru BNC, NTSC, VGA
- NEMA 4 front options
- DVI/Digital Video Interface (optional)
- Black powdercoat aluminum enclosure w/ handles
- Based on proven COTS LCD technology for low risk and high quality at an affordable cost

- Superior reliability and maintainability over CRTs means a lower life cycle cost
- Mil-Spec 461E available on RF-19 and RF-20.
- 24 and 48 volt and 400Hz power supply options
- Custom modifications available on all models

RF-19: 8U Rackmount 19" LCD



PRODUCTS



LCD TECHNOLOGY

LCD Technology:

- Active matrix TFT color LCD
- 19.1" diagonal screen size
- 1280 x 1024 maximum resolution
- 0.294mm x 0.294mm pixel pitch
- 250cd/m² (typ.) brightness
- 700:1 (typ.) contrast ratio
- Tr: 12.8ms / Tf: 5.2ms; 12ms (typ.)
- L/R=80° / 80°, U/D=70° / 70° viewing angle
- 4 CCFLs backlights lamp w/30,000 hrs life
- Display Resolution:** 1280 pixels(H) x 1024 lines(V)
- Active Display Area:** 376.1mm(H) x 301.1mm(V)
- Displayable Color:** 16.7M colors
- Compatibility:** IBM & VESA VESA SXGA 1280 x 1024 60 / 75Hz Apple Macintosh

- 1024 x 768 75Hz
- SunMicro 1152 x 900, 66 / 76Hz
- Input Signal:**
 - Video: analog RGB 0.7 Vp-p
 - Sync: separate sync, composite sync, sync on green
- **Auto-adjustment:** Yes
- I/O Connectors:**
 - DC power in • VGA in D-sub 15 pin
- Power Consumption:** 35 watt (max.), 28W Typ, < 5 watt (off mode) 90-260VAC @ 50/60Hz
- Operating Temperature:**
 - 0°~50°C / 32°~122°F • Humidity: 95% max.
- Storage Temperature:** -20°~60°C / -4°~140°F
- Humidity:** 95% maximum
- Vibration & Shock: (non-mil test) Freq:** 10-200Hz
- Sweep: 30 min (X,Y,Z)

- Accel: 1.5G (10~200Hz P-P)
- **Shock Test Spec: (non-mil test) Accel:** 50G
- Active Time: 20
- Wave Form: half-sin
- Times: 1
- **Pressure:** Max: 1040hPa; 0m=sea level
- Min: 674hPa; 3048m=10,000ft
- Non-operation Alt = 30k ft, 9145m
- **MTBF:** 30,000 hours
- **Power Supply Options:** DC 12/24/48 Volt & 400Hz
- **Mil Specs:** Optional: 461E - 901D - 810
- **LCD Agency approval:** FCC-B, CE-B, VCCI-II, BSMI, CCIB, UL, CUL, TUV, CB, TCO'99
- **Unit Certs:** CE, CSA, CB, Solaris Ready Approved
- **Weight:** 19lbs.