



RF-20 LCD 8U Rackmount 20-inch 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 AND BUILDS CUSTOMER CONTROLLERS THAT ENABLE OUR DISPLAYS TO BE USED ANYWHERE FOR ANY REASON. THIS DOES NOT MEAN THEY ARE THE MOST EXPENSIVE EITHER!



- ONLY 8U HIGH
- 2-YEAR WARRANTY
- TOUCHSCREEN OPTIONS
- MIL-SPEC OPTIONS
- CUSTOMIZATION
- 1600X1200 RESOLUTION



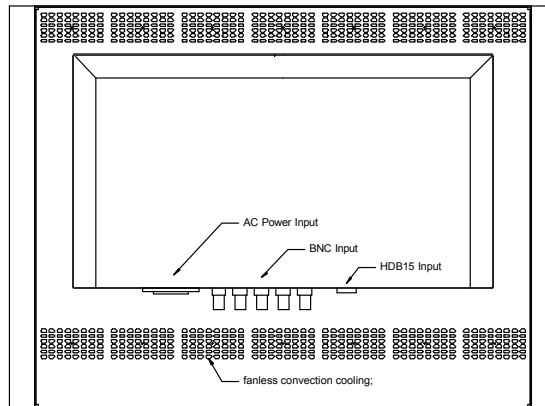
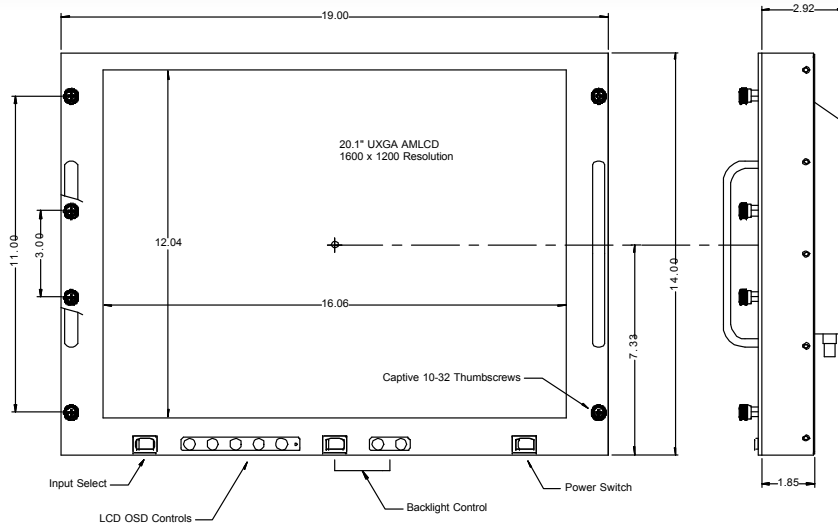
KEY FEATURES

- 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
- Fan-cooled electronics (certain models)

- HD-15-DVI - BNC or NTSC
- RGB Green Sync, RS-170, Y and C (S-video) thru BNC, NTSC, VGA
- NEMA 4 front option
- 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, 901, 810, 167
- 24 and 48 volt and 400Hz power supply options
- Custom modifications available on all models

RF-20: 8U Rackmount 20-inch LCD



LCD TECHNOLOGY

LCD Technology:

- Active matrix TFT color LCD
- 20.1" diagonal screen size
- 0.294mm pixel pitch
- 300cd/m² (typ.) brightness
- 600:1 (typ.) contrast ratio
- Tr: 30ms / Tf: 25ms (typ.)
- L/R=80° / 80°, U/D=80° / 80° viewing angle
- 50,000 hours life (min.)

Display Resolution:

1600 pixels(H) x 1200 lines(V)

Active Display Area:

376.32mm(H) x 301mm(V)

Displayable Color: 16.7M colors

Compatibility:

PC - IBM - Linux: Up to 1600 x 1200

Apple Macintosh: Up to 1600 x 1200

Sun Microsystems/Unix: 1600 x 1200 including 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

VESA Mounting Interface:

VESA Standard 100mm x 100mm

I/O Connectors:

- DC power in
- VGA in D-sub 15 pin and/or 5X BNC, DVI

Power Saving:

VESA DPMS standard (4 mode)

Power:

AC 90-264 VAC, 47/63Hz (auto switch), 80W (typ). Optional 48V DC and 400hz

Power Consumption:

80 watt (max.), < 5 watt (off mode)

LCD Agency/Power Supply approval:

FCC-B, CE-B, VCCI-II, BSMI, CCIB, UL, CUL, TUV, CB, TCO' 99

Operating Temperature:

• 0°~40°C / 32°~104°F

• Humidity: 80% maximum

Storage Temperature:

• -20°~60°C / -4°~140°F

• Humidity: 95% maximum