



RF-15

15" Rackmount LCD: Samsung



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. ALL LCDS AND CONTROLLERS ARE BUILT TO OUR COMPANY SPECIFICATIONS TO INSURE THAT YOUR DISPLAY WILL WORK FOR YEARS TO COME!



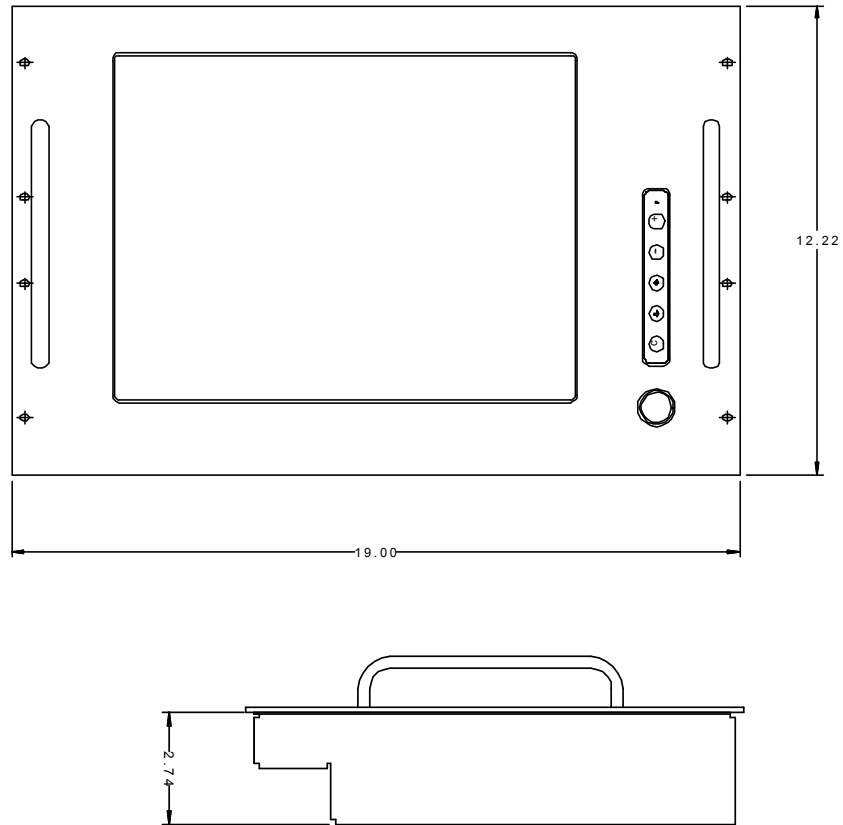
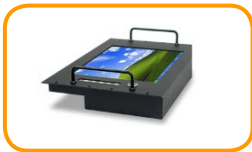
KEY FEATURES

- Resistive, Surface Acoustic Wave (SAW), and Infrared Touchscreen (optional)
- 3mm heat-treated glass (on most models)
- 80-degree (up/down/left/right) viewing on all panels
- Rear-mounted OSD controls
- Backlight/Inverter Controls (optional)
- Fan-cooled electronics (optional)

- HD-15 - BNC or NTSC
- RGB Green Sync, RS-170, Y and C (S-video) thru BNC, NTSC, VGA
- 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
- NEMA 4 front option
- Mil-Spec 461E, 901 and 810 available
- 24 and 48 volt and 400Hz power supply options
- Custom modifications available on all models

RACKMOUNT LCDS RF-15: SAMSUNG



LCD TECHNOLOGY

LCD Technology:

- Active matrix TFT color LCD
- 15.1" diagonal screen size
- 0.29mm x 0.29mm pixel pitch
- 250cd/m² (typ.) brightness
- 400:1 (typ.) contrast ratio
- Tr: 25ms / Tf: 15ms (typ.)
- L/R=75° / 75°, U/D=55° / 65° viewing angle
- LVDS 1ch

Display Resolution:

1024 pixels(H) x 768 lines(V)

Active Display Area:

304.1mm(H) x 228.1mm(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.), < 5 watt (off mode)
- 90-260VAC @ 50/60Hz
- LCD Agency approval:**
- FCC-B, CE-B, VCCI-II, BSMI, CCIB, UL, CUL, TUV, CB, TCO' 99
- Operating Temperature:**
- 0°~50°C / 32°~122°F • Humidity: 85% max.
- Storage Temperature:** • -20°~60°C / -4°~140°F

- **Humidity:** 95% maximum
- **Pressure:** Max: 1040hPa; 0m=sea level
- Min: 674hPa; 3048m=10,000ft
- **Non-operation Alt:** 30k ft, 9145m
- **Vibration & Shock: (non-mil test)**
- Max: 1040hPa; 0m=sea level
- Min: 674hPa; 3048m=10,000ft
- Non-operation Alt = 30k ft, 9145m
- **Shock Test Spec: (non-mil test)**
- Accel: 50G
- Active Time: 20
- Wave Form: half-sin
- Times: 1
- **MTBF:** 30,000 hours
- **Power Supply Options:** DC 12/24/48 Volt & 400Hz Mil Specs: Optional: 461E - 901D - 810
- Unit Certs: CE, CSA, CB, Solaris Ready Approved
- **Weight:** 28lbs.