



NEURO LOGIC
SYSTEMS

CF-15 LCD 1 Unit CF 15" LCD



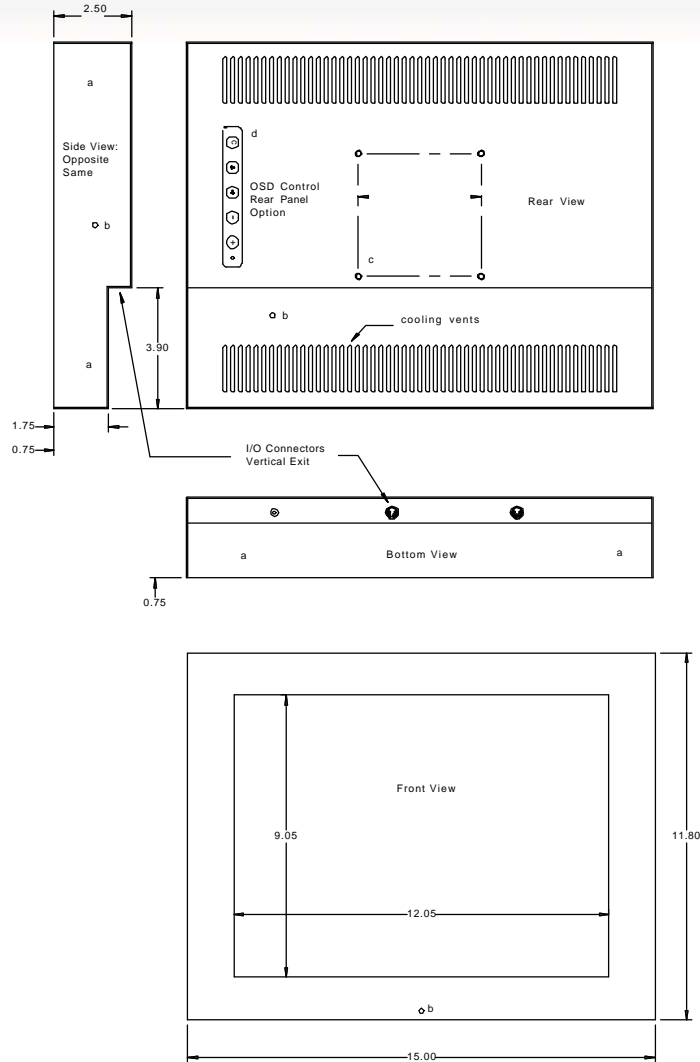
THE CF PRODUCT LINE CONSISTS OF FLAT-PANEL DISPLAYS ENGINEERED FOR USE IN HARSH, DEMANDING ENVIRONMENTS, INCLUDING SHIPBOARD AND MILITARY. NEURO LOGIC ONLY USES THE HIGHEST QUALITY LCDS AVAILABLE. ALL LCDS AND CONTROLLERS ARE CUSTOM BUILT TO NLS SPECIFICATIONS. THIS DOES NOT MEAN THEY ARE THE MOST EXPENSIVE EITHER! OUR PRODUCTS HAVE BEEN USED IN APPLICATIONS FROM MUSEUMS TO NETWORK ROOMS TO MILITARY VEHICLES TO MILITARY AIRPLANES.



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

CF-15 LCD: 1Unit CF 15" LCD



LCD TECHNOLOGY

LCD Technology:

- Active matrix TFT color LCD
- 15.1" diagonal screen size
- 1024 x 768 addressable pixels
- 1280 x 1024 maximum resolution
- 0.264mm x 0.26mm pixel pitch
- 250cd/m² (typ.) brightness
- 300:1 (typ.) contrast ratio
- Tr: 25ms / Tf: 15ms (typ.)
- L/R=75° / 75°, U/D=55° / 65° viewing angle
- 4 CCFLs backlights lamp w/30,000 hrs life

Display Resolution:

1024 pixels(H) x 768 lines(V)

Active Display Area:

304.1mm(H) x 228.1mm(V)

Displayable Color: 16.7M colors

Horizontal Scan:

31.5kHz to 80kHz

Vertical Refresh: 56Hz to 75Hz

Pixel Frequency: 135MHz

Compatibility:

- IBM & VESA
- 60 / 70 / 75Hz VESA SXGA 1280 x 1024
- Apple Macintosh 60 / 75Hz 640 x 480
- 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 Saving:

VESA DPMS standard (4 mode)

Power Consumption:

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

LCD Agency 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

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