



LCD Products

The Rugged G219-RDS from Core Systems



Core Systems is the market leader in rugged display solutions. The G219-RDS from Core Systems features dual 19" LCD displays in a clamshell configuration. Both of the dual LCDs have independent DVI and VGA inputs, and each display features zero pixel defects out of the box. Available with an integrated touchpad or trackball pointing device in both PS/2 and USB inputs, the G219-RDS is fully customizable to your application. The G219-RDS has additional options for A/R protective glass, EMI filters and resistive or capacitive touchscreen. The G219-RDS is a dual LCD display that is designed for deployment into the harshest of environments.

www.coresystemsusa.com



FEATURES

- Uses only 2RU (3.5" Height)
- Dual LG 19" TFT LCDs
- Lay Flat Design
- 1280 x 1024 Max Resolution
- Dual Independent VGA and DVI Inputs
- Front Facing OSD Panel
- Low Profile Sealed NEMA 4X Keyboard
- Rugged Unibody Construction



Front OSD Layout (each LCD)



Dual Independent Video Inputs

SPECIFICATIONS

DIMENSIONS

- 3.5" (H) x 19" (W) x 24" (D)

DUAL DISPLAYS

- Size: 19" Diagonal
- Resolution: SXGA
- Number of Pixels: 1,280 x 1,024
- Active Area (mm): 376 x 301.056
- Pixel Pitch (mm): 0.098 x 0.294
- Mode: B-TN
- Number of Colors: 16.7 M
- Contrast Ratio (typ): 500:1
- Brightness (cd/m2): 250
- Response Time (ms at 250)C: <12.5 typ
- Viewing Angle (U/D/L/R): 70/70/70/70
- CCFT: 4 (2 dual)
- Connector: VGA and DVI
- Power Management: EPA Energy Star, VESA DPMS

MILITARY STANDARDS

- Op Tmp: MIL-STD-810F Method 501.5 Pro I/II
- Stor Tmp: MIL-STD-810F Method 501.5 Pro I/II
- Humidity: MIL-STD-810F Method 507.4
- Altitude: MIL-STD-80F, Method 500.4
- Vibration: MIL-STD-810F Method 514.4 Pro I
- +10°C to +55°C
- -20°C to 85°C
- 48 hr., 95% RH 40°-65°C
- 12,500 ft. operation, 40,000 ft. transport
- 3G_{RMS}, 5-500Hz, 75 min/axis w/ isolators

DUAL ON SCREEN DISPLAYS (OSD)

- Contrast/Brightness
- Auto-setting
- Clock/Phase
- Horizontal/Vertical Position/Expansion/OSD
- Text/Graph
- Mode Selection
- Color Temperature
- Recall

KEYBOARD

- Sealed NEMA 4X with PS/2 or USB
- Power: +5V DC @100 mA max
- 134,000 MTBF

POINTING DEVICE

- Integrated in keyboard tray
- Touchpad or Trackball
- Scroll and zoom features are included
- Four additional button mouse keys

KVM (OPTIONAL)

- 4 or 8 port integrated KVM with OSD

COOLING

- Conduction cooled design
- No moving parts

POWER INPUT/DRAW

- Input: 100-240V, 50/60 Hz, 2.0A
- Draw: 40W, 119V, 0.38A
- 24-28VDC option available

WEIGHT

- 33.3 lbs.

AGENCY APPROVALS

- CE/ FCC