

# Transduction

19" Rack Mount LCD Monitor  
19" Panel Mount LCD Monitor

TR-LCD1900-RM-V2  
TR-LCD1900-PM-V2

## Features

- Viewable Area 14.90" x 12.00"
- Brightness 300cd/m<sup>2</sup>
- Optional brightness 1600cd/m<sup>2</sup>
- Contrast ratio 700:1.
- Viewing angle - Vertical = 75°, Horizontal = 80°.
- Response time 8ms.
- Pixel pitch 0.294mm.
- Maximum Resolution 1280 x 1024
- Choice of EETI or ELO touch controllers
- Input power 100-240VAC or 12VDC, optional 24V, 48V, 125V and 250VDC.
- Warranty 5 years



**Reliable 19" TFT LCD SXGA module in industrial rack mount or panel mount enclosure. NEMA 4 epoxy coated finish over steel. Optional stainless steel version. Optional resistive touch screen. Optional brightness 1600cd/m<sup>2</sup>.**

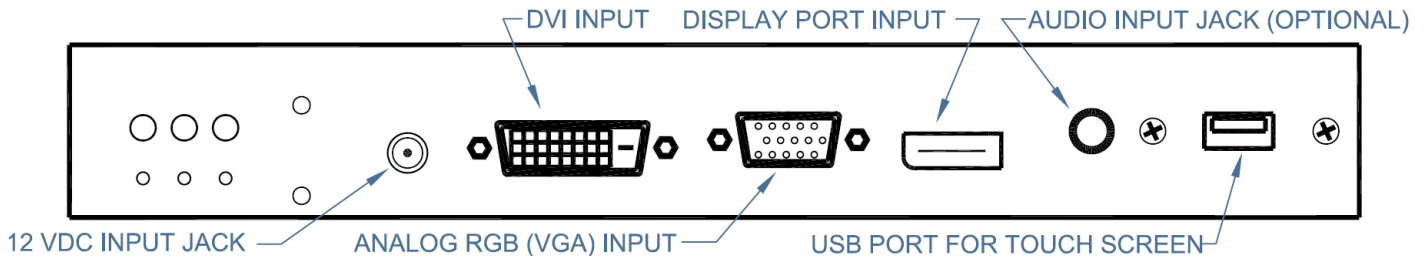
**OSD (On-Screen Display) Controls:** Allow you to quickly and easily adjust elements of your screen image with simple to use on-screen menus.

**Full Scan Capability:** Allows you to use the entire screen area.

**Plug and Play:** The Microsoft solution with the Windows 95/98/ME/2000/XP/7/10 operating systems facilitate setup and installation by allowing the monitor to send its capabilities (such as screen size and resolutions supported) directly to your computer, automatically optimizing display performance.

**Input Signal:** SVGA, DVI-D and DisplayPort.

**Power Saving Mode:** The monitor can be set to shift to a lower power consumption level when not in use. This will save useful life of backlight lamps.



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TR-LCD1900-V2 SVGA, DVI-D, DisplayPort

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## 19" Rack Mount LCD Monitor 19" Panel Mount LCD Monitor

TR-LCD1900-RM-V2

TR-LCD1900-PM-V2

TR-LCD1900-V2 SVGA, DVI-D, DisplayPort

### Specifications:

#### Reliable LCD Module

- Diagonal: 19 inch
- Viewable Image Size: 14.90" x 12.00"
- Native Resolution (Pixel Count): 1280 x 1024
- Active matrix, thin film transistor (TFT) liquid crystal display (0.294mm dot pitch, 300cd/m<sup>2</sup> white luminance)

#### Input Signal

- SVGA Analog RGB
- DVI-D
- DisplayPort

#### Display Colors

- Analog input 16,194,277

#### Maximum Viewing Angles

- Up/Down - 75°
- Left/Right - 80°

#### Synchronization Range

- Vertical - 15KHz to 80KHz
- Horizontal - 50Hz to 77Hz

#### Resolution

- Analog RGB - VGA/SVGA/XGA/SXGA/WXGA/WUXGA 1280 x 1024 @ 60Hz max.
- DVI-D - VGA/SVGA/XGA/ SXGA/WXGA/WUXGA 1280 x 1024 @ 60Hz max.
- DisplayPort - VGA/SVGA/XGA/SXGA/WXGA/WUXGA 1280 x 1024 @ 60Hz max.

#### Active Display Area

- Vertical - 301.056mm
- Horizontal - 376.32mm

#### Power Consumption

- 60W max.

### Dimensions

- Rack mount: 18.96" (L) x 2.875" (W) x 14" (H) (8U) / 14.3lbs (48.16cm x 7.3cm x 35.56cm / 6.5kg)
- Panel mount: 17.75" (L) x 3.00" (W) x 15.25" (H) / 6.5kg - (45.09cm x 7.62cm x 38.74cm / 6.35kg)

### Environmental Considerations

- Operating Temperature: 0 ~ 50°C (32 ~ 122°F), 60°C (140°F) for 2 hours
- Operating Humidity 10 ~ 90%, non-condensing
- Operating Altitude: 0 to 10,000 ft
- Storage Temperature: -20 ~ 60°C (-4 ~ 140°F)
- Vibration & Shock: 5G and 30G
- Storage Humidity: 5 ~ 40%, non-condensing

### Regulatory Approvals

- CSA, CE, UL

### Ordering Information

- TR-LCD1900-RM-V2 - Rack Mount version
- TR-LCD1900-PM-V2 - Panel Mount version

### Warranty: 5 years

### Options

- Brightness 1600cd/m<sup>2</sup>
- TOUCH (Resistive USB)
- TOUCH EETI controller
- TOUCH ELO controller
- Safety glass, no touch
- 12V DC input power
- 24V DC input power
- 48V DC input power
- 125V DC input power
- 250V DC input power

TR-LCD1900 series monitors are often used with Novatech ORION series and SEL Inc. RTAC series of Linux based RTU's. Make sure to specify your device when ordering monitor for the compatibility with touch screen controller.