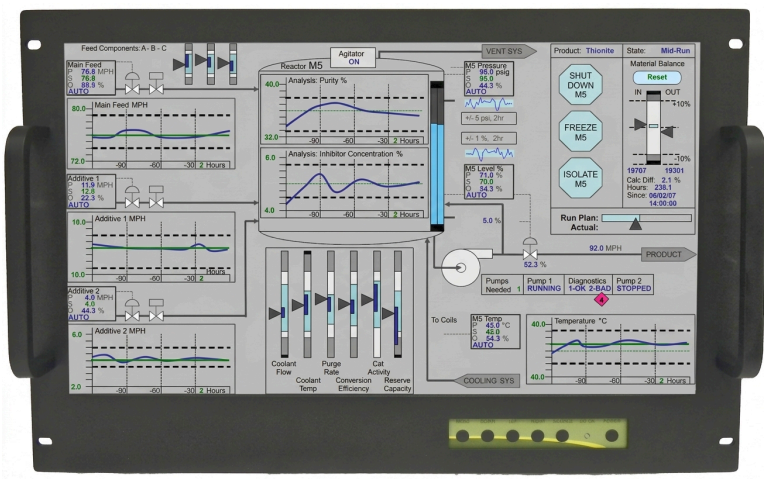
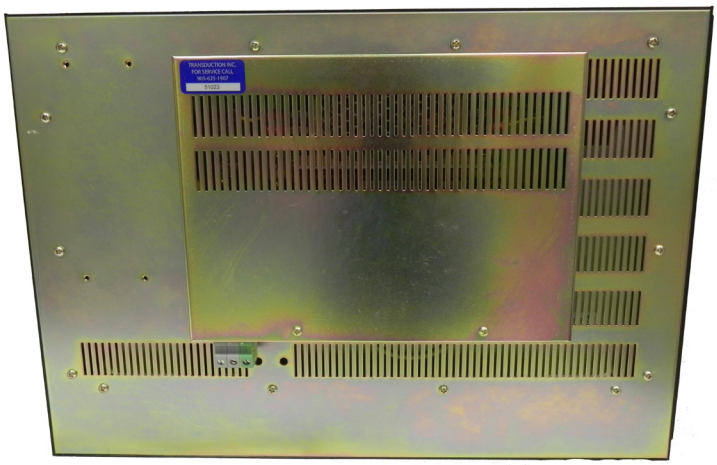
Transduction

Panel Mount and Rack Mount Monitor

TR-LCD1850W

TR-LCD1850W 18.5” FHD Industrial LCD Monitor





Features

- 18.5” industrial quality FHD wide-viewing LCD and optional touch screen with resolution 1920 x 1080.
- Available in panel (PM) or rack (RM) mount versions.
- No need for video drivers.
- 18.5” viewable area. Aspect ratio 16:9.
- Brightness 350cd/$m^{2.}$
- Contrast ratio 1000:1.
- Viewing angle - Vertical = 178º, Horizontal = 178º.
- Response time 20ms.
- Pixel pitch 213 x 213um.
- Rear OSD control buttons. Rack mount version has optional front OSD control buttons.
- 89-250VAC input power or 111-360VDC input power.
- Operating temperature 0 ~ 50ºC (32 ~ 122ºF), 60ºC (140ºF) for 2 hours.
- Warranty 5 years with telephone service support for life.
- Standard stock product at Transduction.

TRANSDUCTION 5155 Spectrum Way, Bldg 23, Mississauga, ON L4W 5A1
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TR-LCD1850W

TR-LCD1850W 18.5” FHD Industrial LCD Monitor

Specification

Model
- TR-LCD1850W FHD 18.5” wide-viewing LCD industrial monitor.

LCD Module
- Viewable image size - 18.5” FHD
- Aspect ratio 16:9
- Resolution - 1920 x 1080
- Pixel pitch - 213 x 213um
- Brightness - 350cd/m^2
- Contrast - 1000:1
- Response time - 20ms (grey to grey)

Input Signal
- SVGA Analog RGB
- DisplayPort
- Dual-link DVI-D

Display Colors
- 16.7M, 8-bit

Viewing Angle
- Vertical - 178º
- Horizontal - 178º

Synchronization Range
- Frame rate - 50Hz to 75Hz
- No need for video drivers
- Rear OSD commands

Resolution
- Analog RGB/DVI-D/DisplayPort - VGA/SVGA/X-GA/SXGA/WXGA/WXSGA/WUXGA 1920 x 1080 @ 83Hz max.

Active Display Area
- Vertical - 408.96mm
- Horizontal - 230.04mm

Power Supply
- AC power input: 89-250VAC 50/60Hz
- DC power input: 111-360VDC
- Optional DC power input: 20-60VDC
- Input current: 2.1A max.
- Output: 12VDC +/-0.1V /8.0A max., 100W

Power Consumption
- 30W

Power Efficiency
- 80% minimum at full load

Operating Temperature
- 0 ~ 50ºC (32 ~ 122ºF), 60ºC (140ºF) for 2 hours

Operating Humidity
- Relative humidity 10 ~ 90%, non-condensing

Altitude
- 0 - 10,000ft

Storage Temperature
- -20 ~ 60ºC (-4 ~ 140ºF)

Storage Humidity
- Relative humidity 10 ~ 90%, non-condensing

Storage Altitude
- 0 - 30,000ft

Dimensions
- Front OSD version: 48.15cm (W) x 31.06cm (H) x 7.30cm (D) (18.96” (W) x 12.23” (H) x 2.875” (D))

Weight
- 7kg (15.43lbs)

Vibration & Shock
- 5G and 25G

Compliance: FCC Class A, CE, UL

Additional Options
- Front OSD commands (Rack mount version only)
- Safety glass

Warranty: 5 years

Ordering
- TR-LCD1850W-PM - Panel mount version
- TR-LCD1850W-RM - Rack mount version

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