

Transduction

55" Industrial 4K Display Monitor

TR-LCD5500-4K

TR-LCD5500-4K 55" Monitor w/ 3840 x 2160 Resolution



Brilliant Colors, Spectacular Clarity, Wide Viewing Angle

TR-LCD5500-4K industrial display monitor has been designed for utmost reliability and long-term supply. It features "nuclear" type QA specifications and it comes with warranty of 5 years. Enjoy state-of-the-art picture quality with 4K technology.

The resolution is 3840 x 2160 pixels with response time of 8.5msec. Standard brightness is 500 nit with optional 700, 1500 and 2500 nit. Contrast is 4000 and viewing angle is 178 degrees, which is useful in large control rooms common in power generation plants.

The design is based on the reliable 55" LCD panel from AUO, that is a long-term supply item. This panel can withstand operating temperature up to 60°C (140°F). Sophisticated LCD controller is used with dual HDMI and DisplayPort inputs and single SVGA input.

This large 55"+ monitor comes with sturdy wall mount bracket or it can be suspended on chains from the top with 900 lbs strong steel eyelets. Handheld remote for ease of overhead settings.

TR-LCD5500-4K monitor is shipped in a heavy-duty wooden crate. We ship by truck anywhere in North America.

Contact Transduction sales department for more details and quote.

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TR-LCD5500-4K

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Specifications

Size

- Diagonal 55" AUO LCD panel P550QVF05.0

Aspect Ratio

- 16:9

Pixel Resolution

- 4K 3840 x 2160

Viewing Angle

- 89/89/89/89 with anti-glare

Brightness

- 500 nit optional 700,1500 and 2500 nit

Contrast

- 4000:1

Response Time

- 8.5msec

Full Control via OSD via handheld remote

Transverse cooling with 2 ball bearing air fans, powered by proportional temperature controller to reduce intake of dust

Internal Power Supply

- Universal AC 50/60Hz or 24, 48, 125, 250VDC, 150W

Size

- 1386mm (W) x 860.8mm (H) x 130mm (D) (54.56" (W) x 33.88" (H) x 5.11" (D))

Compliance

- MIL-STD-461susceptibility: Low-Frequency Conducted, High frequency Radiated, Surge, Electrically Fast Transient, MIL-STD-461 Emissions: Low-Frequency Conducted, High-Frequency Conducted, Low Frequency Radiated, High-Frequency Radiated. Seismic up to 15G, Constant Vibration up to 5G. Details on request.
- ESA, CE, FCC

Weight

- 40kg (88.18lbs)
- Shipping weight in wooden crate: 60kg (132.28lbs)

Operating Temperature

- 0 ~ 60°C (32 ~ 140°F)

Operating Humidity

- Relative humidity 10 ~ 90%, non-condensing

Storage Temperature

- -20 ~ 70°C (-4 ~ 158°F)

Storage Humidity

- Relative humidity 40% max.

Applicable QA Standard

- ISO 9001:2015

Warranty: 5 years

Ordering

- TR-LCD5500-4K-500 - with brightness 500 nit
 - TR-LCD5500-4K-700 - with brightness 700 nit
 - TR-LCD5500-4K-1500 - with brightness 1500 nit
 - TR-LCD5500-4K-2500 - with brightness 2500 nit
- (NOTE: in each order specify power source for monitor)**
- Vertical or angled wall mount bracket (optional)
 - Fanless - up to 50°C (122°F) (optional)
 - Safety glass, reducing view angle (optional)
 - Wireless access with computer inside (optional)

NOTE: TR-LCD5500-4K monitor can be supplied with internal computer with wireless antenna and Windows 10 O/S. Contact Transduction for more details.