

OverView NSL-4621

46" near-seamless LCD video wall



Narrow bezel display for tiled video walls

The OverView NSL-4621 46" tiled LCD video wall uses durable LED backlights positioned directly behind the LCD panel and has a super narrow bezel, resulting in excellent tiled visual performance.

Durable and bright

These tiled LCD video walls offer the best image quality around in terms of resolution, brightness and viewing angle. Because LED backlights reduce burn-in and colorations in the LCD filters and polarizers, the OverView NSL-4621 has a long panel life.

Ideal for:

- Emergency Operations Centers
- Traffic management and surveillance centers
- C4I-SR environments
- Utilities and process control centers
- Broadcast & telecom monitoring

Available as a complete video wall bundle

Barco also offers complete preconfigured packages, containing four, six or eight OverView NSL-4621 displays to create a 2x2, 3x2 or 4x2 video wall respectively. You can choose between three types of high-quality controllers, depending on the main usage (choice between a Legacy Input package, a Monolithic package, and a High-performance Networked package). All other needed equipment, including wall mounts, software and cables, are included inside these bundles.

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Technical specifications

LCD technology	S-PVA, normally black, DID technology for extensive usage, AIR Anti Image Retention circuitry
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect Ratio	16:9
Pixel density	48 dpi
Refresh rate	60 Hz
Luminance	700 cd/m ² (max)
Contrast	3500:1 (typ.)
Viewing angle	H 178° V 178°
White point	10,000 K
Color	10 bits - 1.07 B colors
Precision	Internal 10 bit processing for precise color calibration
Backlight lifetime	50,000 h
MTBF	> 100,000 h
Active screen diagonal	46" (1168 mm)
Dimensions	1024.0 x 578.6 x 98.2 mm 40.3" x 22.8" x 3.9"
Active screen area	1018.1 mm x 572.7 mm 40.1" x 22.6"
Bezel width	Right, bottom: 1.9 mm 0.075" Left, top: 3.8 mm 0.15" Total: 5.7 mm 0.22"
Weight	26 kg 57.3 lbs (net) 36 kg 79.4 lbs (gross)
Cooling	Low noise fans
AC input voltage	100-240 VAC, 60-50 Hz
Power consumption	190 W (max) 90 W (typ) 20 W (sleep) 2.5 W (stdby)
Heat dissipation	819 BTU/h (max)
VGA	Separate sync DSUB-15P in/out
DVI	Single link DVI-D in/out with HDCP
Display port	Display port input (Out via DVI)
HDMI	HDMI Type A with HDCP (Out via DVI)
CVBS	BNC in/out
S-video	Mini-DIN S-terminal in/out
Barco NSL control manager	Server connected via RS232 chain Remote client application: on/off, wall setup, source selection, status, brightness, contrast and color adjustments
Component video	3xBNC in/out
Control signal	RS-232 DSUB9 PIN in/out
Operating humidity	20-80% non-condensing
Operational temperature	0-40°C 32-104°F
Regulation Compliance	CE, TÜV, cTÜVus, CCC, ROHS, WEEE
Storage humidity	10-90% non-condensing
Storage temperature	-20-60°C -4-140°F

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Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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