

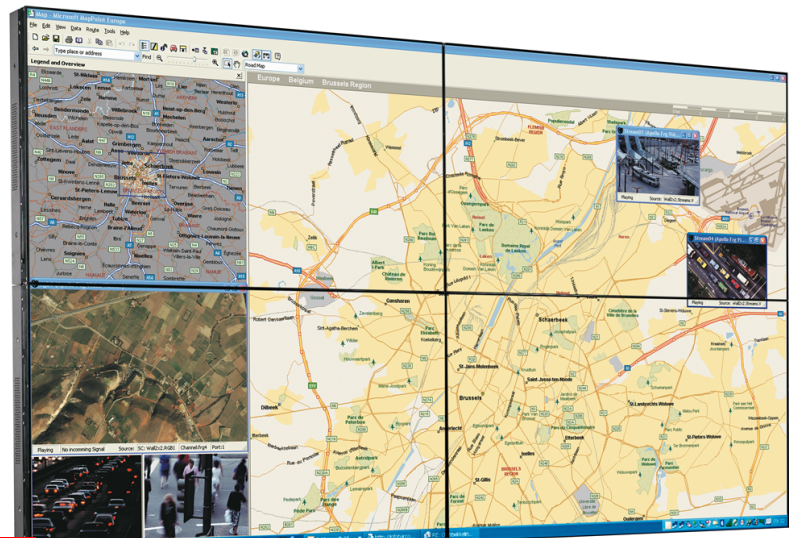


# Archived resources

For further resources and  
documentation please visit us:  
**[www.cinos.net](http://www.cinos.net)**

# OverView NSL-4621

## 46" near-seamless LCD video wall



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. This video wall series was designed for 24/7 use in control rooms. Its deep dark levels are perfect for visualizing data-driven information, including process control schematics. The OverView NSL-4621's exceptionally high brightness levels allow these video walls to be used in any lighting condition.

### 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

**Product specifications****OverView NSL-4621**

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

For further resources and  
documentation please visit us:  
**[www.cinos.net](http://www.cinos.net)**