

OverView MVD-5521

55" near-seamless LCD video wall



The OverView MVD-5521 is a 55" LCD panel with a super narrow bezel, making it ideally suited for tiled video walls in 24/7 environments. This LCD display uses IPS (In-Plane Switching) technology for consistent and accurate colors from all viewing angles, no blackening effects caused by light or heat, and stable response times. Unlike TN technology, IPS panels do not lighten or show tailing when being touched.

High image quality

The high image quality in terms of brightness, contrast and viewing angle, makes the OverView MVD-5521 applicable in a wide range of control room environments. The display's Direct LED technology also provides superior black levels compared with Edge LED models. Furthermore, because LED backlights reduce burn-in and colorations in the LCD filters and polarizers, these displays have a prolonged panel life.

Compatible with free-standing structure solution

The MVD-5521 can be combined with the highly innovative OBLX-55 free-standing structure. This allows you to create an LCD video wall of unlimited horizontal size, without the need for any wall support. All items can be delivered separately, or as a package.

Ideal for:

- Emergency operations centers
- Traffic management and surveillance centers
- Utilities and process control centers

- Broadcast & telecom monitoring

Available as a complete video wall bundle

Barco also offers complete packages, containing four, six or eight OverView MVD-5521 displays to create a 2x2, 3x2 or 4x2 video wall respectively, complete with wall mounts and cables. Optionally, you can bundle it with a controller, software, or even wireless presentation system. In this way, you have your completely configured video wall solution in one package..

- Slimmer design
- Smaller bezel 5.3 mm à 5.7 mm bezel
- LED-matrix backlight 1200 LEDs instead of 960 LEDs
- Full HD (1920x1080) with local dimming
- RS-232 daisy chain and Ethernet communication
- High temperature liquid crystals (110°)
- Improved OSD
- 'A Energy' star labelling
- Fan control
- 55", 500nit, 10% haze
- Interfaces: DVI/HDMI/DP/VGA/Component/USB/Network Streaming

Product specificaties

OVERVIEW MVD-5521

Panel	
Contrast	1400:1 (typ.) 500 000:1 (dynamic)
Lcd-technologie	IPS (In-Plane Switching)
Resolutie	Full HD (1920 x 1080)
Achtergrondverlichting	Direct LED
Beeldverhouding	16:9
Pixeldichtheid	40 dpi
Luminantie	500 cd/m ² (typ)
Kijkhoek	H 178° V 178°
Wit punt	10,000 K
Kleur	10 bits -1.07 B colors
Precisie	Internal 10 bit processing for precise color calibration
Levensduur van de achtergrondverlichting	60,000 h (typ)
MTBF	100,000 h (half brightness)
Vochtigheid in bedrijf	20-80%, non-condensing
Vochtigheid bij opslag	10-90%, non-condensing
Bedrijfstemperatuur	0 -40°C 32 -104°F
Opslagtemperatuur	-20 -60°C -4 -140°F
Dimensions	
Afmetingen	1215.2 x 686 x 98 mm 47.83" x 27.01" x 3.85"
Actief scherm (diagonaal)	55" (1396 mm)
Actief schermgebied	1210 mm x 680 mm 47.63" x 26.79"
Totale breedte van omlijsting (twee aangrenzende beeldschermen)	Right, bottom: 1.9 mm 0.075" ; Left, top: 3.4 mm 0.133"
Gewicht	33 kg 73 lbs (net)
Koeling	Low noise fans
Power	
Ingangsspanning (wisselstroom)	100-240 VAC, 60-50 Hz
Energieverbruik	210 W (max) 120 W (typ) 0.5 W (stdby)
Warmteïssipatie	716.55 BTU/h (max)
Connectivity	
DVI	Single link DVI-D in/out with HDCP
DisplayPort	Display port input (Out via DVI)
HDMI	HDMI Type A with HDCP (Out via DVI)
CVBS	BNC in/out
VGA	Separate sync DSUB-15P in/out
Audio-uitgang	PC Audio In / external speaker out
Barco Wall Control Manager	Connected via BCMC box
Barco-afstandsbediening	IR (optional RJ45). On/off, wall setup, source selection, status, brightness, contrast and color adjustments
Componentvideo	3 x BNC in/out
Controlesignaal	RS-232 DSUB9 PIN in/out
Certification	
EMI / EMC	EMC / IEC / FCC / CE / KCC
ErP -EnergyStar	Yes -Yes
Veiligheid	UL / c_UL / CB / TUV / KCC

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