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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.

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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..

Product specifications**OverView MVD-5521**

Panel	
Contrast	1400:1 (typ.) 500 000:1 (dynamic)
LCD technology	IPS (In-Plane Switching)
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect Ratio	16:9
Pixel density	40 dpi
Luminance	500 cd/m ² (max)
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	60,000 h (typ)
MTBF	100,000 h (half brightness)
Operating humidity	20-80%, non-condensing
Storage humidity	10-90%, non-condensing
Operational temperature	0 - 40°C 32 - 104°F
Storage temperature	-20 - 60°C -4 - 140°F
Dimensions	
Dimensions	1215.2 x 686 x 98 mm 47.83" x 27.01" x 3.85"
Active screen diagonal	55" (1396 mm)
Active screen area	1210 mm x 680 mm 47.63" x 26.79"
Bezel width	Right, bottom: 1.9 mm 0.075" ; Left, top: 3.4 mm 0.133"
Weight	33 kg 73 lbs (net)
Cooling	Low noise fans
Power	
AC input voltage	100-240 VAC, 60-50 Hz
Power consumption	210 W (max) 120 W (typ) 0.5 W (stdby)
Heat dissipation	716.55 BTU/h (max)
Connectivity	
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
Audio Output	PC Audio In / external speaker out
Barco Wall Control Manager	Connected via BCMC box
Barco remote control	IR (optional RJ45). On/off, wall setup, source selection, status, brightness, contrast and color adjustments
Component video	3 x BNC in/out
Control signal	RS-232 DSUB9 PIN in/out
Certification	
Safety	UL / c_UL / CB / TUV / KCC
EMI / EMC	EMC / IEC / FCC / CE / KCC
Erp - EnergyStar	Yes - Yes

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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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