

OverView MVL-721

Industry-standard 70" full HD 16:9 LED video wall



- High brightness
- Redundancy of critical components
- Low power consumption
- Remote management
- High reliability
- Sustainable product

The OverView MVL-721 is an easy to operate 16:9 LED-lit projection module that has been designed to offer the typical detail, brightness, and features in full HD resolution for control rooms where space is not a constraint.

This follow-up of the successful OverView MVL-721 Gen1 offers a well-balanced set of essential features, perfectly fitting the standard requirements. All this comes without any compromise in quality, and with a special focus on sustainability – in terms of limited power consumption, long lifetime and ability to upcycle.

Unmatched LED lifetime and brightness

The next-generation LED light source drastically improves the brightness of the MVL-721. With a 55% increase in maximum engine light output compared with the first generation, the MVL-721 can be deployed in virtually all indoor lighting conditions. This impressive increase in brightness is realized with the exact same power needs.

MVL-721 also brings an important step-up in reliability, featuring redundant inputs to ensure a continuous data flow, an optional external power supply with automatic failover, and a light source lifetime of over 100,000 hours.

Easy installation and remote management

Barco's Video wall Manager software makes it a lot easier to install, configure and control the video wall. The cloud-based Video wall Management Suite, on its part, allows remote monitoring, diagnostics and control for Barco video walls. Allowing this kind of remote management from a central location, lowers operational costs and ensures faster and more effective troubleshooting.

PRODUCT SPECIFICATIONS**OVERVIEW MVL-721**

Resolution	Full HD (1920x1080)
Brightness	Under native color gamut
	Mode / Screen type WV-FEL FXS
	High brightness 540 cd/m ² 460 cd/m ²
	Normal 360 cd/m ² 305 cd/m ²
	Eco 180 cd/m ² 155 cd/m ²
On-screen contrast	1,200,000:1 (dynamic)
Display technology	Rear-projection DLP (rear access only)
Color gamut	REC709
White point	Customized white points
Brightness uniformity	>95%
Screen	Mid Gain Type, 180° viewing angle
Screen gap	Adjustable up to 0.2 mm depending upon video wall configuration and operating temperature
Color stability	Sense X: automatic real-time color and brightness calibration
Dimensions	<ul style="list-style-type: none"> ■ Diagonal: 70" ■ Width: 1550 mm 61.0" ■ Height: 872 mm 34.3" ■ Depth: 1010 mm 39.8" ■ Weight: 104 kg 228 lbs
Light source	6x redundancy for each of 3 LEDs
Noise Level	Less than 20 dB (measured from 5m in front)
Light source lifetime	> 100,000h in Eco/Normal mode
Conditions for operation	10°C – 40°C 50°F – 104°F Up to 80% humidity (non-condensing)
Input voltage	90 – 240 VAC, 50-60Hz
Power	70W (eco) 100W (typ.) 150W (max)
Heat dissipation	240 BTU/h (eco) 340 BTU/h (typ.) 510 BTU/h (max)
Signal input/output	2x DP1.2 inputs & 1x output (4K@60Hz) 2x HDMI 2.0 inputs (4K@60Hz) 2x USB ports (only for power) 2x Ethernet ports
HDCP	v2.2
External power supply	Optional: remote and redundant hot swappable power supply
Signal processing	Loop through Cropping, scaling with wall configuration
Direct ethernet access	Built-in web server
Graphical user interface	All settings and operational parameters
Third party interface	WEB service API
Warranty	2 years

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