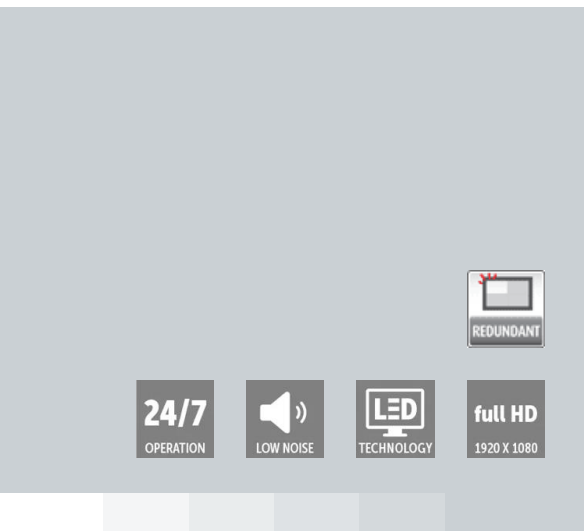# OverView MVL-721

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.

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Product specifications	OVERVIEW MVL-721		
General specifications			
Resolution	Full HD (1920x1080)		
Brightness	Under native color gamut		
	Mode / Screen type	WV-FEL	FXS
	High brightness	540 cd/m²	460 cd/m²
	Normal	360 cd/m²	305 cd/m²
	Eco	180 cd/m²	155 cd/m²
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	■ 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		

Last updated: 17 May 2024

ENABLING BRIGHT OUTCOMES

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