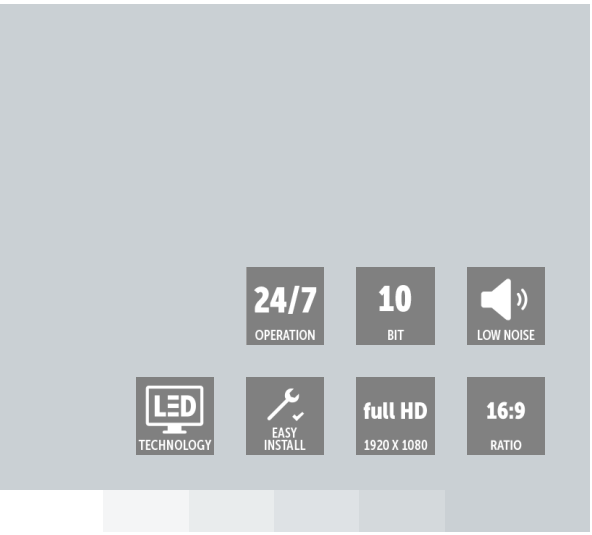
OverView MVL-721

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



- **6x redundancy of LEDs (per color)**
- **Sense5 automatic white point and primary colors calibration, for brightness and color stability**
- **Unique cooling system ensures longer LED lifetime**
- **Low power design**
- **Wide color gamut**
- **Less disposables, less waste**
- **16:9 aspect ratio**

With the OverView MVL series, Barco has launched a display range that has 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 limiting both the initial purchase as the runtime cost.

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.

Unmatched LED lifetime

Barco’s unique cooling system significantly reduces the temperature of the LEDs. This not only prolongs the lifetime of the LEDs (>80,000 hrs), but also allows for durably higher brightness levels. The long LED lifetime guarantees a great uptime and very low overhead costs. The latest LED technology ensures that the power consumption is 30% lower than comparable products.

Comfortable viewing experience

To ensure good wall uniformity in terms of color and brightness levels, the OverView MVL-721 comes with Barco’s Sense5 automatic calibration system. This system works with an advanced color sensor that continuously measures the primary color levels of the entire wall, and adjusts white point and color when needed. This results in a significantly more accurate cube to cube uniformity, over the complete runtime. Furthermore, the module’s robust structure makes the OverView MVL-721 suitable for use in industrial environments.

PRODUCT SPECIFICATIONS	OVERVIEW MVL-721
Resolution	1920x1080
Brightness	on-screen: 350 Cd/m^2
On-screen contrast	1,200,000:1 (dynamic)
Display technology	DLP rear projection
Color gamut	EBU
White point	6500k, 3200k fix
Brightness uniformity	>95%
Screen	Mid Gain Type, 180° viewing angle
Screen gap	< 1,5 mm | 0.06" (@25°C) < 0.2 mm | 0.0079" (at higher temperatures)
Color stability	Self calibration with Sense^5 based on advanced color sensor
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	Light source 6x redundancy for each of 3 LEDs
Light source lifetime	> 80,000h* MTBF LED: > 500,000h * (The LED light source lifetime depends on the operating conditions of the device)
Conditions for operation	10°C-40°C, 80% humidity (nc)
Input voltage	90 – 240 V, 50-60Hz
Power	90W (eco) 150W (typ.) 180W (max)
Heat dissipation	310 BTU/h (eco) 510 BTU/h (typ.) 610 BTU/h (max)
Signal input/output	Dual link DVI in / Dual link DVI out (Optional input redundancy)
Pixel clock	320 MHz
Input frequency	24 – 62 Hz
Genlock	49 – 61 Hz
Signal processing	Loop through up to 10 cubes Cropping / upscaling
Direct ethernet access	Built-in web server
Graphical user interface	All settings and operational parameters
Third party interface	WEB service API (optional)
Warranty	2 years

Last updated: 10 May 2019

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