

OverView MVL-721 Gen1

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

24/7
OPERATION

LOW NOISE

LED
TECHNOLOGY

full HD
1920 X 1080



- 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 Gen1 is the first generation of this 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 Gen1 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 Gen1 suitable for use in industrial environments.

Product specificaties

OVERVIEW MVL-721 GEN1

General specifications	
Resolutie	1920x1080
Helderheid	on-screen: 350 Cd/m ²
Contrast op scherm	1,200,000:1 (dynamic)
Weergavetechnologie	DLP rear projection
Kleurenspectrum	EBU
Wit punt	6500k, 3200k fix
Helderheidsuniformiteit	>95%
Schermb	Mid Gain Type, 180° viewing angle
Ruimte tussen schermen	< 1,5 mm 0.06" (@25°C) < 0.2 mm 0.0079" (at higher temperatures)
Kleurstabiliteit	Self calibration with Sense ⁵ based on advanced color sensor
Afmetingen	■ Diagonal: 70" ■ Width: 1550 mm 61.0" ■ Height: 872 mm 34.3" ■ Depth: 1010 mm 39.8" ■ Weight: 104 kg 228 lbs
Lichtbron	Light source 6x redundancy for each of 3 LEDs
Levensduur lichtbron	> 80,000h* MTBF LED: > 500,000h * (The LED light source lifetime depends on the operating conditions of the device)
Gebruiksomstandigheden	10°C-40°C, 80% humidity (nc)
Ingangsspanning	90 – 240 V, 50-60Hz
Vermogen	90W (eco) 150W (typ.) 180W (max)
Warmte­dissipatie	310 BTU/h (eco) 510 BTU/h (typ.) 610 BTU/h (max)
Signaalingang/-uitgang	Dual link DVI in / Dual link DVI out (Optional input redundancy)
Pixelklok	320 MHz
Ingangsfrequentie	24 – 62 Hz
Genlock	49 – 61 Hz
Signaal­verwerking	Loop through up to 10 cubes Cropping / upscaling
Directe Ethernet-toegang	Built-in web server
Grafische gebruikersinterface	All settings and operational parameters
Interface van derden	WEB service API (optional)
Garantie	2 years

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