

# 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.

**TECHNISCHE SPECIFICATIES****OVERVIEW MVL-721**

|                               |   |                       |                       |
|-------------------------------|---|-----------------------|-----------------------|
| Resolutie                     | Full HD (1920x1080)   |                       |                       |
| Helderheid                    | Under native color gamut  |                       |                       |
|                               | Mode / Screen type  | WV-FEL                | FXS                   |
|                               | High brightness   | 540 cd/m <sup>2</sup> | 460 cd/m <sup>2</sup> |
|                               | Normal  | 360 cd/m <sup>2</sup> | 305 cd/m <sup>2</sup> |
|                               | Eco   | 180 cd/m <sup>2</sup> | 155 cd/m <sup>2</sup> |
| Contrast op scherm            | 1,200,000:1 (dynamic)   |                       |                       |
| Weergavetechnologie           | Rear-projection DLP (rear access only)  |                       |                       |
| Kleurenspectrum               | REC709  |                       |                       |
| Wit punt                      | Customized white points   |                       |                       |
| Helderheidsuniformiteit       | >95%  |                       |                       |
| Scherm                        | Mid Gain Type, 180° viewing angle   |                       |                       |
| Ruimte tussen schermen        | Adjustable up to 0.2 mm depending upon video wall configuration and operating temperature   |                       |                       |
| Kleurstabiliteit              | Sense X: automatic real-time color and brightness calibration   |                       |                       |
| Afmetingen                    | <ul style="list-style-type: none"><li>■ Diagonal: 70"</li><li>■ Width: 1550 mm   61.0"</li><li>■ Height: 872 mm   34.3"</li><li>■ Depth: 1010 mm   39.8"</li><li>■ Weight: 104 kg   228 lbs</li></ul> |                       |                       |
| Lichtbron                     | 6x redundancy for each of 3 LEDs  |                       |                       |
| Geluidsniveau                 | Less than 20 dB (measured from 5m in front)   |                       |                       |
| Levensduur lichtbron          | > 100,000h in Eco/Normal mode   |                       |                       |
| Gebruiksomstandigheden        | 10°C – 40°C   50°F – 104°F<br>Up to 80% humidity (non-condensing)   |                       |                       |
| Ingangsspanning               | 90 – 240 VAC, 50-60Hz   |                       |                       |
| Vermogen                      | 70W (eco)<br>100W (typ.)<br>150W (max)  |                       |                       |
| Warmtedissipatie              | 240 BTU/h (eco)<br>340 BTU/h (typ.)<br>510 BTU/h (max)  |                       |                       |
| Signaalingang/-uitgang        | 2x DP1.2 inputs & 1x output (4K@60Hz)<br>2x HDMI 2.0 inputs (4K@60Hz)<br>2x USB ports (only for power)<br>2x Ethernet ports   |                       |                       |
| HDCP                          | v2.2  |                       |                       |
| Externe voeding               | Optional: remote and redundant hot swappable power supply   |                       |                       |
| Signaalverwerking             | Loop through<br>Cropping, scaling with wall configuration   |                       |                       |
| Directe Ethernet-toegang      | Built-in web server   |                       |                       |
| Grafische gebruikersinterface | All settings and operational parameters   |                       |                       |
| Interface van derden          | WEB service API   |                       |                       |
| Garantie                      | 2 years   |                       |                       |

**Last updated: 05 Jan 2023**Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.