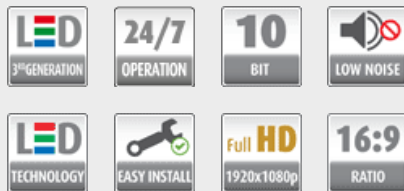


OverView MVL-721

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



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 demanding small to medium-sized control rooms.

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.

BARCO

Visibly yours

Product specifications**OverView MVL-721**

| | |
|---|---|
| Resolution | 1920x1080 |
| Brightness | on-screen: 265 Cd/m ² |
| On-screen contrast | 1,200,000:1 (dynamic) 1,600:1 (typ) |
| Display technology | DLP rear projection |
| Color gamut | EBU |
| White point | 6500k, 3200k fix |
| Brightness uniformity | >95% |
| Screen | FXS, with 180° viewing angle |
| H / V half gain angle | 35° / 33° |
| 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 | <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 | Light source 6x redundancy for each of 3 LEDs |
| Light source lifetime | > 60,000h (typ.) > 80,000h (eco) MTBF LED: > 500,000h |
| Recommended maintenance interval | 3 years, yearly color correction recommended |
| 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 |
| 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 |