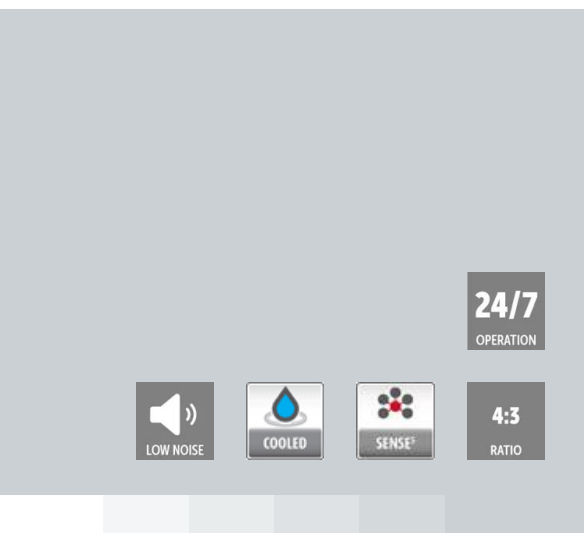


OverView MVL-6715

Industry-standard 67" SXGA+ 4:3 LED video wall



The OverView MVL-6715 is an easy to operate 4:3 LED-lit projection module that has been designed to offer the typical detail and brightness needs in SXGA+ resolution for control rooms where space is not a constraint.

Unmatched LED lifetime

Barco's unique liquid 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 use of LEDs as a light source, also results in low power consumption.

Comfortable viewing experience

To ensure good wall uniformity in terms of color and brightness levels, the OverView MVL-6715 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-6715 suitable for use in industrial environments.

Key characteristics

- 6x redundancy of LEDs (per color)
- 3rd generation LEDs for unmatched brightness & minimal power consumption
- Sense5 automatic white point and primary colors calibration, for brightness and color stability
- Active liquid cooling ensures longer LED lifetime
- Wide color gamut
- Less disposables, less waste
- 4:3 aspect ratio, 16:9 version becomes available during 2013

Product specifications**OVERVIEW MVL-6715**

| General specifications | |
|--------------------------------------|--|
| Resolution | 1400x1050 |
| Brightness | on-screen: 305 Cd/m ² |
| On-screen contrast | 1,200,000:1 (dynamic) |
| Display technology | DLP rear projection |
| Color gamut | EBU |
| White point | 6500k |
| Screen | WV-FEL |
| Color stability | Self calibration with Sense ⁵ based on advanced color sensor |
| Dimensions | <ul style="list-style-type: none">■ Diagonal: 67"■ Width: 1364 mm 53.7"■ Height: 1023 mm 40.3"■ Depth: 942 mm 37.1" |
| Light source | Light source 6x redundancy for each of 3 LEDs |
| Light source lifetime | > 60,000h (typ.) > 80,000h (eco) MTBF LED: > 500,000h |
| Conditions for operation | 10°C-40°C, 80% humidity (nc) |
| Input voltage | 90 – 240 V, 50-60Hz |
| Power | 150W (eco) 200W (typ.) 270W (max) |
| Heat dissipation | 510 BTU/h (eco) 680 BTU/h (typ.) 920 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 Cropping / upscaling |
| Direct ethernet access | Built-in web server |
| Graphical user interface | All settings and operational parameters |
| Integration to third party equipment | WEB service API (optional) |
| Warranty | 2 years |
| Brightness uniformity | >95% |
| Screen gap | < 1.5 mm 0.06" (@25°C) < 0.4 mm 0.015" (@30°C) |
| Weight | 80.5 kg 177.5 lbs (projection module) and 21 kg 46.3 lbs (pedestal) |
| Signal connection | Loop through |
| Third party interface | WEB service API (optional) |

Last updated: 12 Apr 2024

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