

OverView OVL-508

Fully redundant 50" XGA 4:3 LED video wall



Barco's OverView OVL series LED-lit video walls are the first choice for 4:3 mission-critical control rooms that require a guaranteed uptime. The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures nothing can go wrong, giving users the peace of mind they need.

Ultimate peace of mind

Barco's unique active liquid cooling system ensures lower LED temperature, resulting in longer LED lifetime (>80,000 hours in eco mode). The OverView OVL series video walls also come with Sense6, Barco's unique sensor technology that provides brightness and color stability over time and across the entire display. Sense6 continuously measures brightness and color by means of a high-quality spectrometer, and adjusts the color space to provide an image that is most convenient for the human eye, displaying the sharpest and most saturated colors in XGA resolution (1024x768). The availability of alternative screen types makes sure you can adjust the video wall to your specific needs in terms of viewing angle and brightness.

The brightness champion

The OverView OVL series is the brightest LED-lit rear-projection video wall on the market, and the first to cross the 1,000 lumens barrier. This further expands the usability of video walls to control rooms where lighting conditions are particularly challenging.

Upgrade for existing modules

Thanks to the modular design of the projection engine, the OverView OVL projector can also be used to upgrade existing Barco rear-projection modules of the OverView D series.

Barco's OVL-508 video walls feature:

- high brightness at wide LED color gamut
- razor sharp image
- no color break up
- maintenance-free
- up to 80,000 hours LED lifetime
- 5 years service-free runtime
- no color wheel needed
- no wearing parts, no waste
- no mercury lamp

PRODUCT SPECIFICATIONS**OVERVIEW OVL-508**

Resolution	XGA (1024x768px)
Brightness	on-screen: 680 cd/m ² (FXS)
On-screen contrast	1,200,000 :1
Color	Up to 165% EBU
Display technology	rear-projection DLP
White point	3,200K 6,500K 9,600K arbitrary
Brightness uniformity	Typ 95% ANSI 13
Screen gap	< 0.8 mm 0.03" modular (@25°C) < 0.4 mm 0.015" modular (@30°C)
Color stability	Self calibrating with spectrometer based Sense6
Dimensions	<ul style="list-style-type: none">• Diagonal: 50" nominal• Width: 1,000 mm / 39.4"• Height: 750 mm / 29.5"• Full depth: 734 mm / 28.9"• Aspect ratio: 4:3• Weight/module 65 kg / 143 lbs
Light source	3x six fold redundant LED block
Light source lifetime	> 60,000 h, > 80,000 h (eco)
Conditions for operation	10°C-40°C, 50°F-104°F, 80% humidity (nc)
AC input voltage	90 – 240 V, 50-60Hz
Power	typical: 230W, maximum: 350W, eco mode: 170W
Heat dissipation	typical: 785, maximum: 1,194, eco mode: 580 BTU/h
Direct ethernet access	Build in web server
Graphical user interface	All settings and operational parameters
Signal input/output	2x Dual link DVI in, 2x Dual link DVI out Single link DVI in, with HDCP (optional)
Pixel clock	320 MHz
Input frequency	24 – 62 Hz
Genlock	49 – 61 Hz
Signal processing	Loop through up to 10 cubes / Free cropping, free scaling
Integration to third party equipment	Web based API
Warranty	2 years
Structure	Standard structures: 1000 mm 39.4 inch, 1500 mm 59 inch, ... Customization possible on request

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