

# OverView OVL-515

Fully redundant 50" SXGA+ 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 Sense<sup>6</sup>, Barco's unique sensor technology that provides brightness and color stability over time and across the entire display. Sense<sup>6</sup> 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 SXGA+ resolution (1400x1050). 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.

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**Product specifications****OverView OVL-515**

<b>Resolution</b>	SXGA+ (1400x1050px)
<b>Brightness</b>	on screen: 680 Cd/m <sup>2</sup> (FXS)
<b>On-screen contrast</b>	1,200,000 :1
<b>Color</b>	Up to 165% EBU
<b>Display technology</b>	rear-projection DLP
<b>White point</b>	3,200K   6,500K   9,600K   arbitrary
<b>Brightness uniformity</b>	Typ 95% ANSI 13
<b>Screen</b>	BB, FXS, High Gain
<b>Screen gap</b>	< 0.8 mm   0.03" modular (@25°C) < 0.4 mm   0.015" modular (@30°C)
<b>Color stability</b>	Self calibrating with spectrometer based Sense6
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• Diagonal: 50" nominal</li><li>• Width: 1,000 mm / 39.4"</li><li>• Height: 750 mm / 29.5"</li><li>• Full depth: 734 mm / 28.9"</li><li>• Aspect ratio: 4:3</li><li>• Weight/module 65 kg / 143 lbs</li></ul>
<b>Light source</b>	3x six fold redundant LED block
<b>Light source lifetime</b>	> 60,000 h, > 80,000 h (eco)
<b>Recommended maintenance interval</b>	> 5 years No burn-in, no image retention
<b>Conditions for operation</b>	10°C-40°C, 50°F-104°F, 80% humidity (nc)
<b>AC input voltage</b>	90 – 240 V, 50-60Hz
<b>Power</b>	typical: 230W, maximum: 350W, eco mode: 170W
<b>Heat dissipation</b>	typical: 785, maximum: 1,194, eco mode: 580 BTU/h
<b>Direct ethernet access</b>	Build in web server
<b>Graphical user interface</b>	All settings and operational parameters
<b>Signal input/output</b>	2x Dual link DVI in, 2x Dual link DVI out Single link DVI in, with HDCP (optional)
<b>Pixel clock</b>	320 MHz
<b>Input frequency</b>	24 – 62 Hz
<b>Genlock</b>	49 – 61 Hz
<b>Signal processing</b>	Loop through up to 10 cubes / Free cropping, free scaling
<b>Integration to third party equipment</b>	Web based API
<b>Warranty</b>	2 years