OverView OVL-715
Fully redundant 70" SXGA+ 4:3 LED video wall

12 BIT

LOW NOISE

EASY INSTALL

REDUNDANT

WEB SERVER

5Y WORRY FREE

SCALABLE

FXs

24/7 OPERATION

SENSE⁶

COOLED

LED TECHNOLOGY

4:3 RATIO
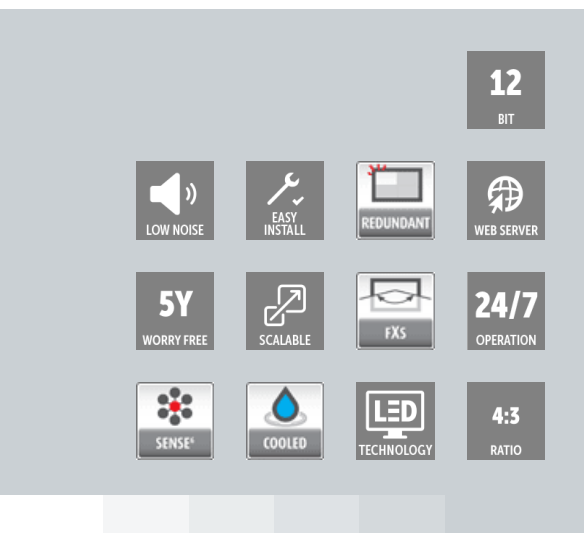
Barco's OverView OVL series LED-lit video walls are the first choice for 4:3 mission-critical control rooms that require a guaranteed uptime. The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures nothing can go wrong, giving users the peace of mind they need. Featuring a structure that can be tailored to the requirements of the customer, the OverView OVL series knows virtually no limits in size.

Ultimate peace of mind

The OverView OVL-715 video wall modules have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's unique liquid cooling system ensures lower LED temperature, resulting in longer LED lifetime (>80,000 hours in eco mode). Displaying the sharpest and most saturated colors in SXGA+ resolution (1400x1050), the OverView OVL-715 offers an ergonomically excellent viewing experience. 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.

Always the most optimal picture

OverView OVL series video walls 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. This means that no maintenance or manual adjustments are needed.

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

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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.

Maintenance-free operation

The OVL-715 video walls have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's OVL-715 video wall comes with Sense6, a unique auto-calibration technology that provides brightness and color stability over time and across the entire display. This means that no maintenance or manual adjustments are needed.

Liquid cooling

Barco's unique liquid cooling system ensures lower LED temperature. The result is longer LED lifetime, and the possibility to reach higher brightness levels.

Upgrade for existing modules

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

PRODUCT SPECIFICATIONS	OVERVIEW OVL-715
Resolution	SXGA+ (1400x1050px)
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	< 0.2 mm | 0.008" stitched
Color stability	Self calibrating with spectrometer based Sense6
Dimensions	• Diagonal: 70" nominal • Width: 1,400 mm / 55.1" • Heigth: 1,050 mm / 41.3" • Depth: 899 mm / 35.4" • Aspect ratio: 4:3 • Weight/module 101.5 kg / 224 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

ENABLING BRIGHT OUTCOMES

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