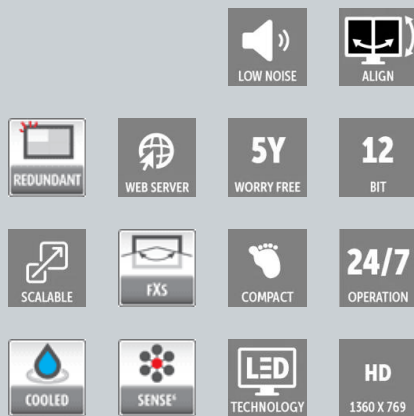# OverView OL-710

Fully redundant 70" WXGA 16:9 LED video wall

Barco's OverView OL series LED-lit video walls are the first choice for 16:9 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.

Furthermore, the OverView OL-710 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).

Always the most optimal picture

Displaying the sharpest and most saturated colors in WXGA resolution (1368x768), the OverView OL-710 offers an ergonomically excellent viewing experience. OverView OL series video walls also come with Sense[6], Barco's unique sensor technology that provides brightness and color stability over time and across the entire display. Sense[6] 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. The colors can also be adjusted to the very specific needs of TV cameras, making the OverView OL series suitable for backdrop applications.

Smarter design, without the gaps

The optional NoGap technology eliminates the gap traditionally found between the video wall cube screens. These gaps are necessary to compensate for changes in temperature and humidity. The special NoGap screens, however, are not subject to environmental conditions, so they can be placed immediately against one another. Additionally, the screens are incredibly robust, making them not only easy cleanable,

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Highest level of redundancy
- 6x redundancy of LEDs (per color) & LED power supplies

- 2x redundancy of dual-link inputs

Unique Barco innovations
- Sense[6] automatic full spectrum calibration

- Active liquid cooling

Excellent viewing ergonomics
- Wide LED color gamut

- WXGA resolution

- No color break up

- Excellent off-axis viewing with next-generation screen types

Maintenance-free
- 80,000 hours LED lifetime in eco mode

- 5 years service-free runtime

- No color wheel needed

Green focus
- No wearing parts, no waste

- No mercury lamps needed

Product specificaties	**OVERVIEW OL-710**
General specifications	
Resolutie	WXGA (1368x768 pixels)
Helderheid	On-screen: 235 Cd/m²
Contrast op scherm	560,000:1
Kleur	Up to 165% EBU (at maximum color mode)
Weergavetechnologie	Rear projection DLP
Wit punt	3,200K | 6,500K | 9,300K | arbitrary
Helderheidsuniformiteit	95% ANSI 9
Scherm	FXS, with H/V 35°/33° (+/-2°) half gain angle
Ruimte tussen schermen	Hor: 1.0 mm | 0.04", Vert. 0.7 mm | 0.03" (@ 25°C) Hor: < 0.4 mm | 0.015", Vert. < 0.3 mm | 0.012" (@ 30°C)
Ruimte tussen schermen met optionele NoGap-schermtechnologie	Hor: 0.1 mm | 0.004" Vert. 0.1 mm | 0.004" All temperature/humidity conditions
Kleurstabiliteit	Self calibration with spectrometer based Sense[6]
Afmetingen	• Diagonal: 70" (Approx.) • Width: 1,550 mm | 61" • Height: 872 mm | 34.3" • Depth: 622 mm | 24.5" • Weight: Projection Module: < 63 kg | 139 lbs • Weight: Pedestal: < 39 kg | 86 lbs
Lichtbron	6x redundancy for each of 3 LED's
Levensduur lichtbron	> 60,000h (at 6500k) > 80,000h in eco mode MTBF LED > 500,000 h
Gebruiksomstandigheden	10°C-40°C, 50°F-104°F, 80% humidity (non-condensing)
Ingangsspanning (wisselstroom)	90 – 240 V, 50-60Hz
Vermogen	170W (eco) 230W (typ.) 350W (max)
Warmtedissipatie	580 BTU/h (eco) 785 BTU/h (typ.) 1,194 BTU/h (max)
Signaal	2x Dual link DVI-D in / 2x Dual link DVI-D out Single link DVI-D in, with HDCP (optional)
Directe Ethernet-toegang	Built in web server
Grafische gebruikersinterface	All settings and operational parameters
Pixelklok	330 MHz
Ingangsfrequentie	24 – 62 Hz
Genlock	49 – 61 Hz
Signaalverwerking	Loop through Free cropping, free scaling (optional)
Integratie met apparatuur van derden	WEB service API (optional)
Garantie	2 years

Laatst bijgewerkt: 08 Jul 2024

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