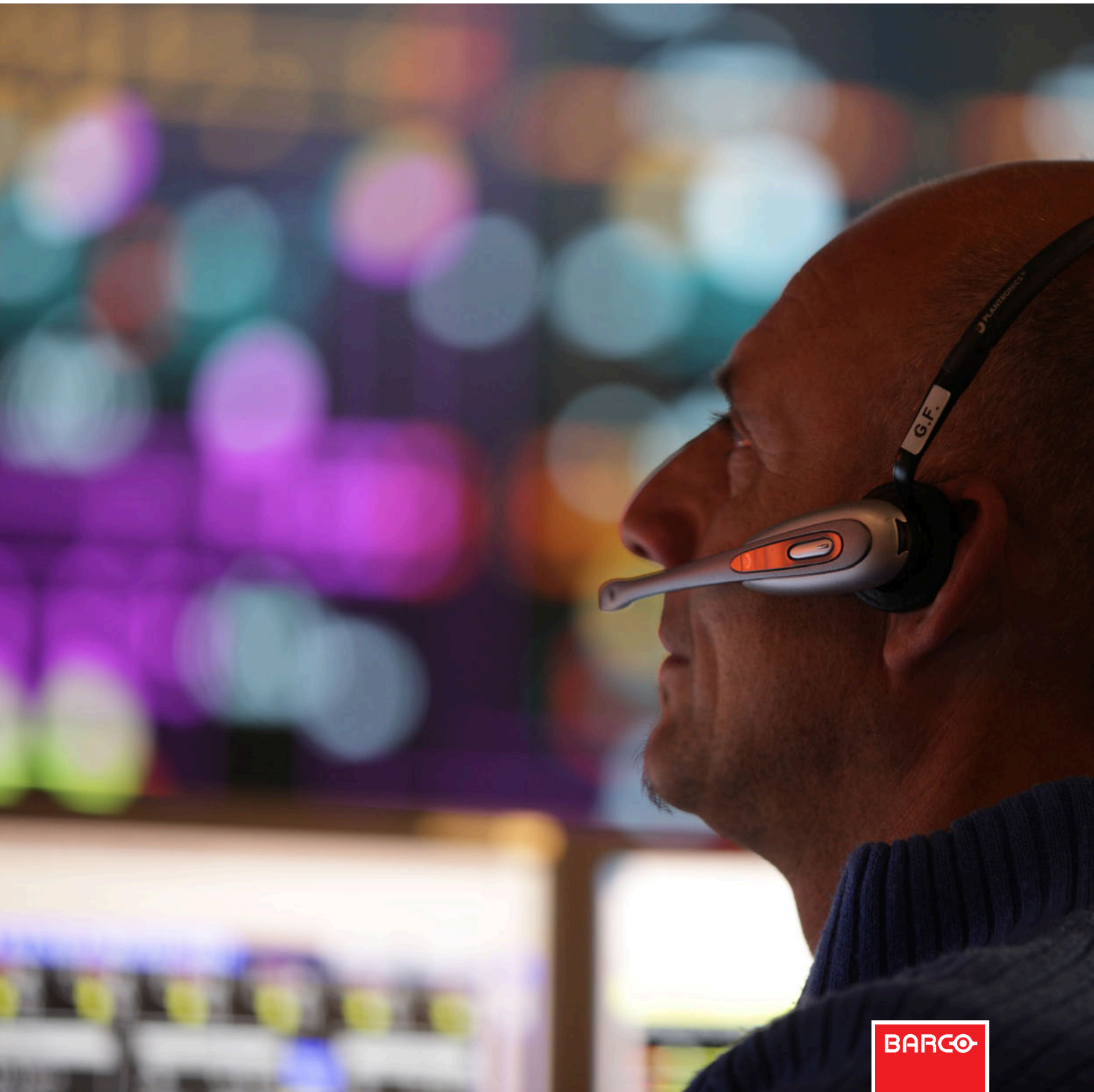# Control room video walls

Product catalog

BARCO

Visibly yours

Barco:
global **leader**
in professional
visualization
solutions

Monitoring
**50% of the
world's**
electricity
transport

Helping **over
2.5 billion**
commuters
get home
safely every
day

Supporting security management in **more than 100** metropolitan centers

Helping over **300 million** people keep in touch

1000+ installed networked visualization systems distribute any information anywhere

The most complete portfolio
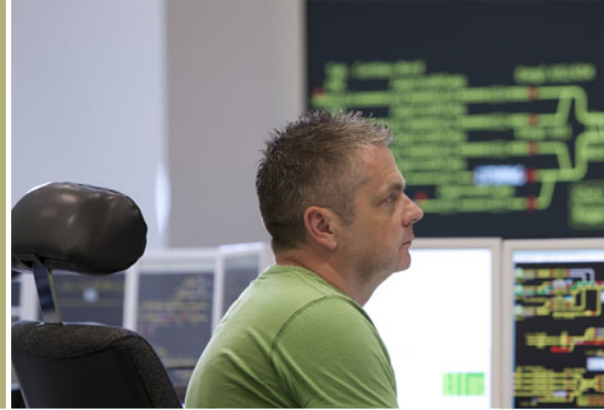for control room visualization

Emergency operation centers, power plants, traffic management centers and other control rooms are all about monitoring business-critical or even life-critical operations, 24 hours a day, 365 days per year. These nerve centers are one of the most demanding environments, with operators relying on dependable visualization, often in a networked setup, for their decision making.

Building on a wide expertise and long history in control room visualization, Barco's extensive portfolio of video wall products features LED and LCD display cubes for video walls, personal video walls, networked and network-ready controllers and wall management software.

Rear-projected
video walls

Complementary
services

LCD
video walls

22

Technical
specifications

32

Video walls

LCD video walls

Complementary services

Specifications

Scalable, networked & future-proof solutions

Barco's portfolio for the control rooms market consists of visualization equipment, controllers and software. By bringing these components together in total concepts, users discover the true power of our products. The result: easier information sharing, faster communication, and optimal performance of the control rooms.

Common Operational Picture (COP)

Private cloud

Network of external sources

Networked sources

Linked private camera network
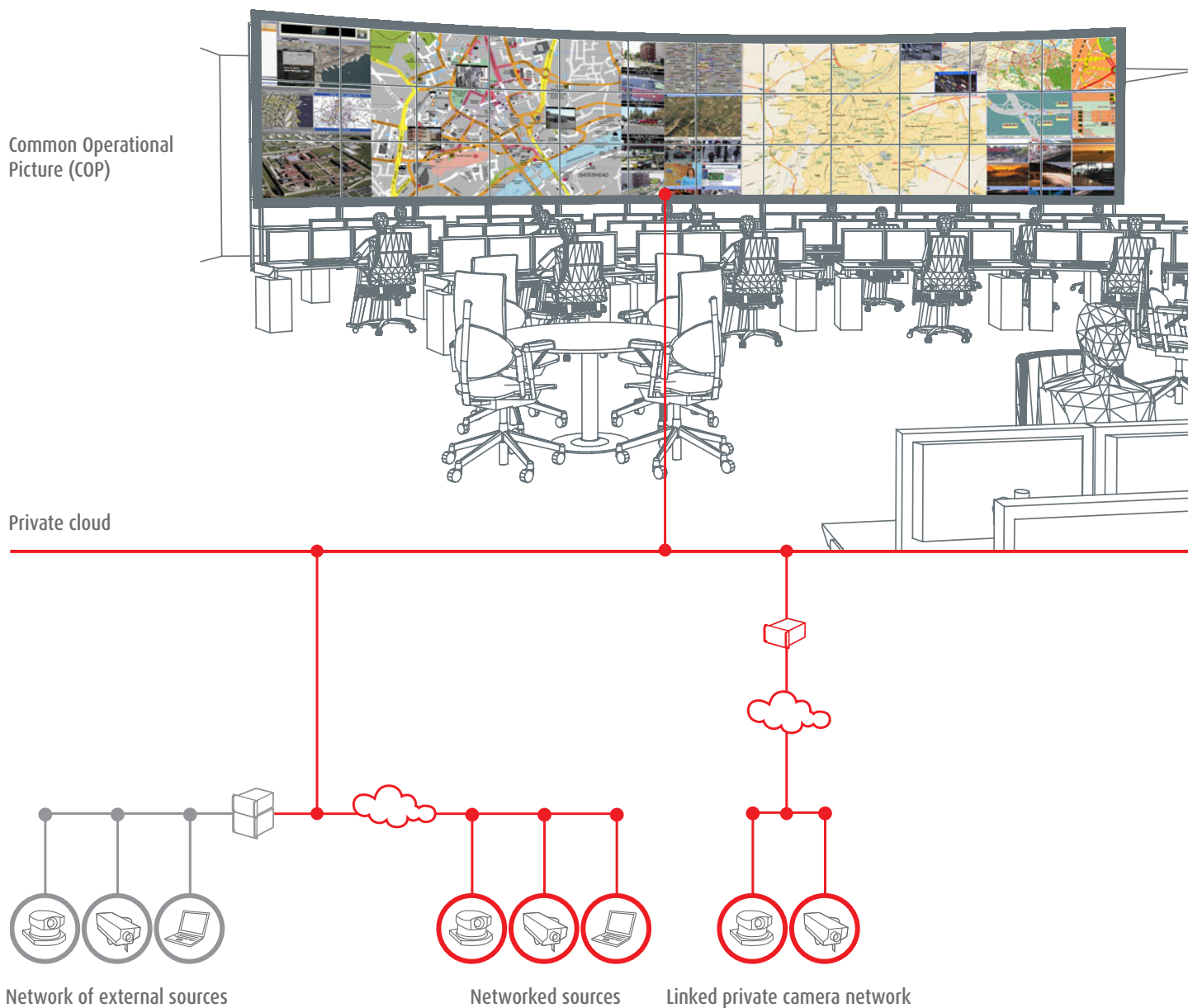
Networked visualization

Barco's networked visualization solution is the most versatile control room management system on the market today. It allows the safe and easy distribution of any data or video source over the standard IP network, between multiple rooms and even multiple locations around the world. This innovative system takes data from an unlimited number of inputs, distributes it over an unlimited distance and displays on an unlimited number of visualization equipment, to offer an unmatched level of flexibility and expandability. Our system even supports the secure distribution of information over different private clouds, for example to share content between various public services.

Crisis room
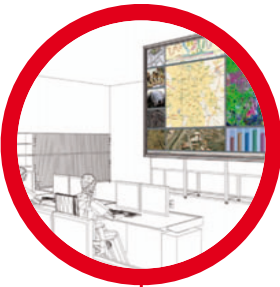
3D Stereo wall

Backup room

Boardroom
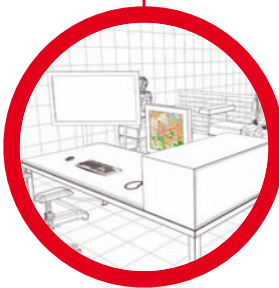
Workstations

Personal walls

Shared personal wall

REAR-PROJECTION VIDEO WALLS

Available in a very large variety of screen sizes and formats, Barco's LED-lit rear-projection video walls suit all small to large sized control rooms. Our OverView LED video wall family consists of the industry-standard OverView M series and the full-featured, fully redundant OverView O series. Both with their unique focus points, but sharing the Barco quality label.

OverView O series video walls
OverView OL
OverView OLF
OverView OLS(F)
OverView OVL

OverView M series video walls
OverView MVL

16:9 LED video walls: OverView OL
Fully redundant 50" and 70" LED rear-projection cubes

Offering a high level of redundancy (not only of the LEDs, but also of the power supplies and inputs), 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.

OverView OL series video walls 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 full color spectrum 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 OverView OL series' award-winning design couples usability with style, and offers the smallest depth on the market today. Furthermore, the clever design combined with Barco's unique active liquid cooling, results in ultra-long maintenance intervals and LED lifetime.
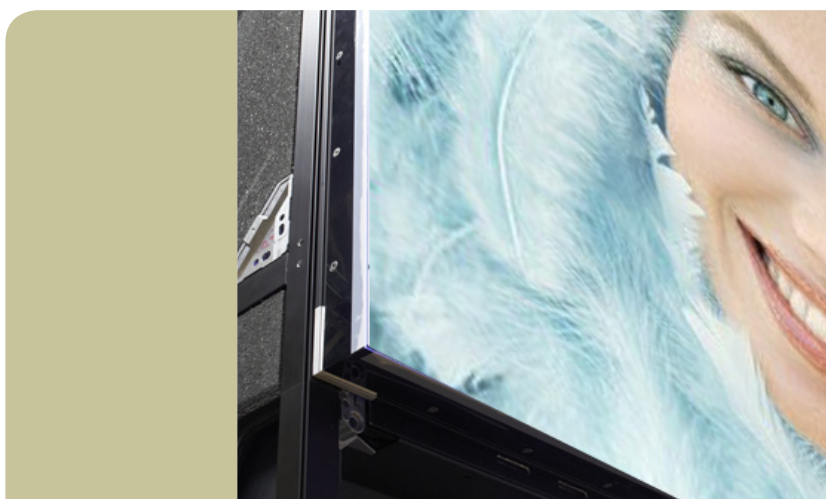
.

Key characteristics

> 6x redundancy of LEDs (per color) & LED power supplies

> 2x redundant dual-link DVI inputs

> Shallow design minimizes required space

> Sense[6] technology for ultimate brightness and color stability

> Active liquid cooling ensures longer LED lifetime

> Extremely silent

> Lightweight for easier transport and installation

> No mercury or other toxic materials used

> Recyclable

> Less disposables, less waste

		OverView OL-510	OverView OL-521	OverView OL-710	OverView OL-721
Resolution		WXGA	Full HD	WXGA	Full HD
Pixels		1368 x 768	1920 x 1080	1368 x 768	1920 x 1080
Diagonal	inch	50	50	70	70
Aspect ratio		16:9	16:9	16:9	16:9
Access mode		back	back	back	back
Dimensions (W x H x D)	mm	1,088 x 612 x 454	1,088 x 612 x 454	1,550 x 872 x 622	1,550 x 872 x 622
Dimensions (W x H x D)	inch	42.8 x 24.1 x 17.9	42.8 x 24.1 x 17.9	61.x 34.3 x 24.5	61. x 34.3 x 24.5
Weight	kg	44	44	61	61
Weight	lbs	97	97	146	146

OverView OL-510

| WXGA 1368x768 | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | COOLED | AUTO ALIGN | 24\|7 USE |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OL-521

| Full HD 1920x1080p | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | COOLED | AUTO ALIGN | 24\|7 USE |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OL-710

| WXGA 1368x768 | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | COOLED | AUTO ALIGN | 24\|7 USE |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OL-721

| Full HD 1920x1080p | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | COOLED | AUTO ALIGN | 24\|7 USE |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

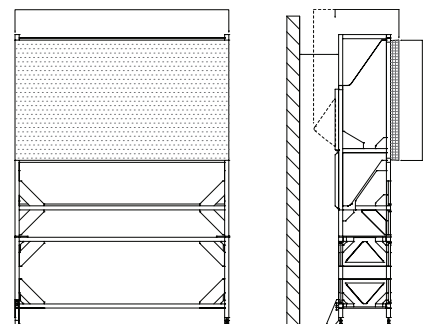**Alternative screen types available**

Front accessible 16:9 LED video walls: OverView OLF
Fully redundant 50" and 70" LED rear-projection cubes

Offering a high level of redundancy (not only of the LEDs, but also of the power supplies and inputs), Barco's OverView OLF series LED-lit video walls are the first choice for 16:9 mission-critical control rooms that require a guaranteed uptime.

Additionally, this series offers front accessibility, which eliminates the need for a rear maintenance area and drastically limits the space needed in the control room. Added to the already thin design of the OverView OLF series, these video wall cubes can really claim the smallest footprint.

Featuring Barco's active liquid cooling system to prolong LED lifetime, the OverView OLF video wall needs limited maintenance. The series comes with Sense[6], a unique sensor technology that automatically provides brightness and color stability over time and across the entire display.

Key characteristics

> 6x redundancy of LEDs (per color) & LED power supplies

> 2x redundant dual-link DVI inputs

> Front accessibility eliminates the need for rear maintenance area

> Shallow design minimizes required space

> Sense[6] technology for ultimate brightness and color stability

> Active liquid cooling ensures longer LED lifetime

> Extremely silent

> Lightweight for easier transport and installation

> No mercury or other toxic materials used

> Recyclable

> Less disposables, less waste

		OverView OLF-510	OverView OLF-521	OverView OLF-710	OverView OLF-721
Resolution		WXGA	Full HD	WXGA	Full HD
Pixels		1368 x 768	1920 x 1080	1368 x 768	1920 x 1080
Diagonal	inch	50	50	70	70
Aspect ratio		16:9	16:9	16:9	16:9
Access mode		front and back	front and back	front and back	front and back
Dimensions (W x H x D)	mm	1,088 x 612 x 454	1,088 x 612 x 454	1,550 x 872 x 622	1,550 x 872 x 622
Dimensions (W x H x D)	inch	42.8 x 24.1 x 17.9	42.8 x 24.1 x 17.9	61.1 x 34.3 x 24.5	61.1 x 34.3 x 24.5
Weight	kg	53	53	74	74
Weight	lbs	117	117	163	163

OverView OLF-510

| WXGA 1368x768 | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | REDUNDANT | COOLED | 24\|7 USE | FRONT ACCESS |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLF-521

| Full HD 1920x1080p | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | REDUNDANT | COOLED | 24\|7 USE | FRONT ACCESS |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLF-710

| WXGA 1368x768 | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | REDUNDANT | COOLED | 24\|7 USE | FRONT ACCESS |

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLF-721

| Full HD 1920x1080p | 16:9 RATIO | SENSE⁶ | SPECTROMETER | LED TECHNOLOGY | REDUNDANT | COOLED | 24\|7 USE | FRONT ACCESS |

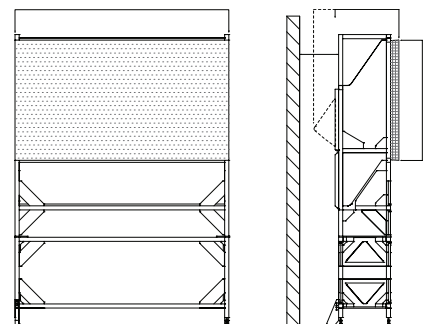**Input/Output:** 2x Dual link DVI in / 2x Dual link DVI out

Alternative screen types available

3D-stereo 16:9 LED video walls: OverView OLS
Fully redundant 50" and 70" LED rear-projection cubes

Barco's extensive expertise in 3D visualization solutions has led to the design of the OverView OLS LED video walls. This series brings vivid stereoscopy to video walls, contributing to the increasing deployment of 3D content. They are the first choice for video walls in a wide range of applications, including visitor centers and simulation environments, that need to show stereoscopic images.
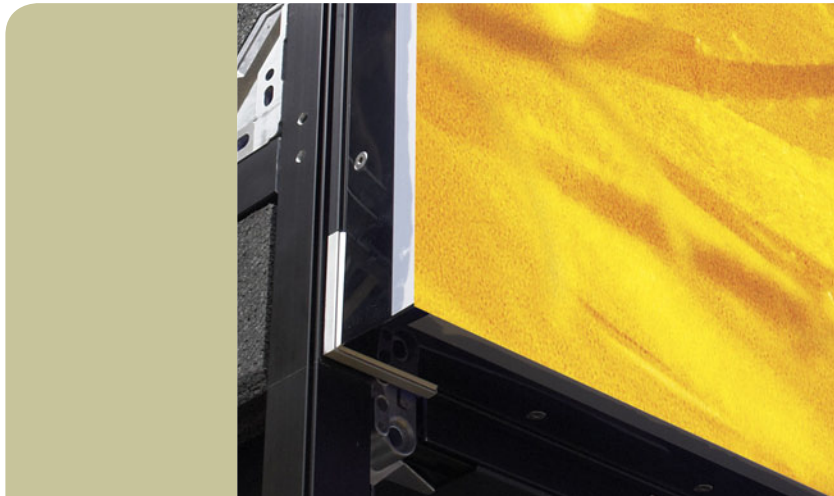
The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures the highest possible level of uptime.

Featuring Barco's active liquid cooling system to prolong LED lifetime, the OverView OLF video wall needs very limited maintenance. The series comes with Sense[6] sensor technology, that automatically provides brightness and color stability over time and across the entire display.

Key characteristics

> 6x redundancy of LEDs (per color) & LED power supplies

> 2x redundant dual-link DVI inputs

> 3D stereo using active shutter glasses at 120 Hz

> Shallow design minimizes required space

> Sense[6] technology for ultimate brightness and color stability

> Active liquid cooling ensures longer LED lifetime

> Vivid LED colors

> Can be arranged in any shape and size

> Cost-effective

> Cubes can be combined to create high wall resolutions

> Optional front accessibility

		OverView OLS-521	OverView OLS-721	OverView OLSF-521	OverView OLSF-721
Resolution		Full HD	Full HD	Full HD	Full HD
Pixels		1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Diagonal	inch	50	70	50	70
Aspect ratio		16:9	16:9	16:9	16:9
Access mode		back	back	front and back	front and back
Dimensions (W x H x D)	mm	1,088 x 612 x 454	1,550 x 872 x 622	1,088 x 612 x 454	1,550 x 872 x 622
Dimensions (W x H x D)	inch	42.8 x 24.1 x 17.9	61 x 34.3 x 24.5	42.8 x 24.1 x 17.9	61 x 34.3 x 24.5
Weight	kg	44	63	53	73
Weight	lbs	97	139	117	161

OverView OLS-521

Full **HD** 1920x1080p	SENSE⁶	SPECTROMETER	L≡D TECHNOLOGY	REDUNDANT	COOLED	24|7 USE	3D STEREO

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLS-721

Full **HD** 1920x1080p	SENSE⁶	SPECTROMETER	L≡D TECHNOLOGY	REDUNDANT	COOLED	24|7 USE	3D STEREO

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLSF-521

Full **HD** 1920x1080p	SENSE⁶	SPECTROMETER	L≡D TECHNOLOGY	REDUNDANT	COOLED	24|7 USE	3D STEREO	FRONT ACCESS

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OLSF-721

Full **HD** 1920x1080p	SENSE⁶	SPECTROMETER	L≡D TECHNOLOGY	REDUNDANT	COOLED	24|7 USE	3D STEREO	FRONT ACCESS

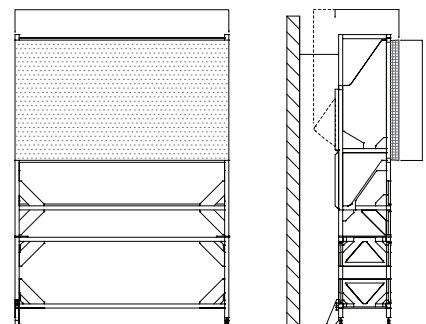**Input/Output:** 2x Dual link DVI in / 2x Dual link DVI out

Alternative screen types available

4:3 LED video walls: OverView OVL
Fully redundant 50", 70" and 80" LED rear-projection cubes

The OverView OVL series is the brightest LED-lit rear-projection video wall on the market. The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures that nothing can go wrong. This makes Barco's OverView OVL series the first choice for mission-critical control rooms that require a guaranteed uptime.

The series comes with Sense[6], a unique sensor technology that automatically provides brightness and color stability over time and across the entire display. Sense[6] continuously measures brightness and color and adjusts the color space to provide an image that is most convenient for the human eye.

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.

Key characteristics

> 6x redundancy of LEDs (per color) & LED power supplies

> 2x redundant dual-link DVI inputs

> Highest brightness on the market

> Sense[6] technology for ultimate brightness and color stability

> Active liquid cooling ensures longer LED lifetime

> Extremely silent

> No mercury or other toxic materials used

> Less disposables, less waste

> Rugged design, suited for industrial environments

		OverView OVL-508	OverView OVL-515	OverView OVL-708	OverView OVL-715
Resolution		XGA	SXGA+	XGA	SXGA+
Pixels		1024 x 768	1400 x 1050	1024 x 768	1400 x 1050
Diagonal	inch	50	50	70	70
Aspect ratio		4:3	4:3	4:3	4:3
Access mode		back	back	back	back
Dimensions (W x H x D)	mm	1,000 x 750 x 734	1,000 x 750 x 734	1,400 x 1,050 x 899	1,400 x 1,050 x 899
Dimensions (W x H x D)	inch	39.4 x 29.52 x 28.9	39.4 x 29.52 x 28.9	55.1 x 41.2 x 35.4	55.1 x 41.2 x 35.4
Weight	kg	65	65	101.5	101.5
Weight	lbs	143	143	224	224

OverView OVL-X08

XGA 1024x768	4:3 RATIO	SENSE6	SPECTROMETER	LED TECHNOLOGY	REDUNDANT	COOLED	24|7 USE

Input/Output: 2x Dual link DVI in / 2x Dual link DVI out

OverView OVL-X15

SXGA+ 1400x1050	4:3 RATIO	SENSE6	SPECTROMETER	LED TECHNOLOGY	REDUNDANT	COOLED	24|7 USE

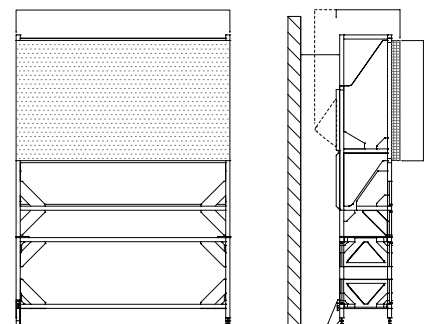**Input/Output:** 2x Dual link DVI in / 2x Dual link DVI out

Alternative screen types available

OverView OVL-808	OverView OVL-815
XGA	SXGA+
1024 x 768	1400 x 1050
80	80
4:3	4:3
back	back
1,600 x 1,200 x 1,023	1,600 x 1,200 x 1,023
63 x 47.2 x 40.3	63 x 47.2 x 40.3
131.3	131.3
289	289

4:3 LED video walls: OverView MVL
Industry-standard 60", 67" and 80" LED rear-projection cubes

Barco's OverView MVL series is a range of easy to operate LED video walls, answering the needs of small to mid-sized control rooms. With benefits including long lifetime and low power consumption, this series allows companies to minimize the maintenance and energy costs of their video walls.

Barco's active liquid cooling system significantly reduces the temperature of the engine, prolonging the LEDs' lifetime even further (>80,000 hours in eco mode). The robust structure of the OverView MVL series also makes sure these video walls are suited for use in demanding industrial environments.

The Sense[5] automatic calibration system ensures good wall uniformity in terms of color and brightness levels. This system works with an advanced color sensor that continuously measures the primary color levels of the entire wall, and adjusts when needed.
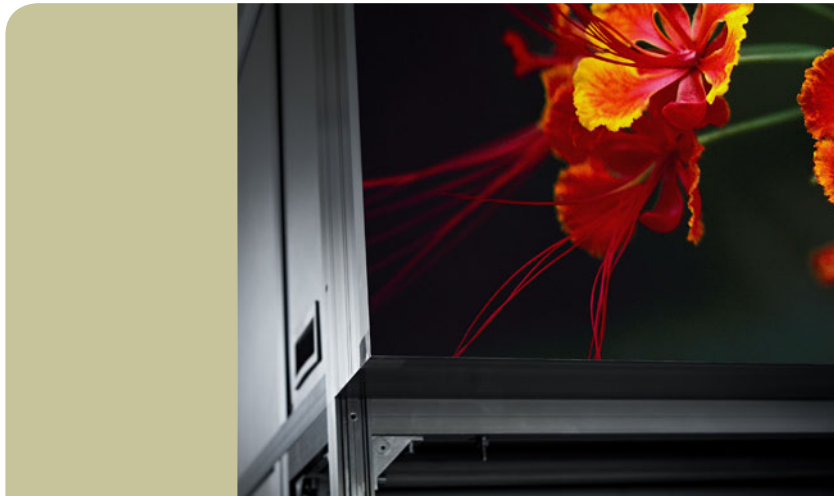
Key characteristics

> Robust structure, suited for demanding environments

> Easy to install, operate and maintain

> Sense[5] technology for better brightness and color stability

> Active liquid cooling ensures longer LED lifetime

> No mercury or other toxic materials used

> Less disposables, less waste

		OverView MVL-615	OverView MVL-6715	OverView MVL-815
Resolution		SXGA+	SXGA+	SXGA+
Pixels		1400 x 1050	1400 x 1050	1400 x 1050
Diagonal	inch	60	67	80
Aspect ratio		4:3	4:3	4:3
Access mode		back	back	back
Dimensions (W x H)	mm	1,220 x 915	1,364 x 1,023	1,600 x 1,200
Dimensions (W x H)	inch	48 x 36	63 x 47.2	42.8 x 24.1
Weight	kg	92.5	107	138.5
Weight	lbs	204	236	305

OverView MVL-615

| SXGA+ 1400x1050 | 4:3 RATIO | SENSE⁵ | COLOR SENSOR | LED TECHNOLOGY | COOLED |

Input/Output: Dual link DVI in / Dual link DVI out

OverView MVL-6715

| XGA 1024x768 | 4:3 RATIO | SENSE⁵ | COLOR SENSOR | LED TECHNOLOGY | COOLED |

Input/Output: Dual link DVI in / Dual link DVI out

OverView MVL-815

| XGA 1024x768 | 4:3 RATIO | SENSE⁵ | COLOR SENSOR | LED TECHNOLOGY | COOLED |

Input/Output: Dual link DVI in / Dual link DVI out
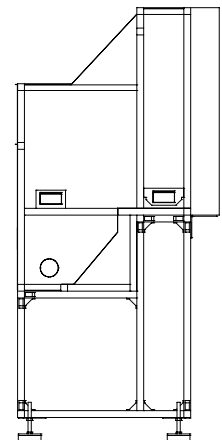
LCD VIDEO WALL SOLUTIONS

Specifically designed for small and medium-sized control rooms, Barco's LCD displays produce sharp, high-quality images for demanding applications. Combining the typical benefits of LCD technology – low maintenance, thin design, wide viewing angle, ... - with Barco's knowhow in professional visualization, these display solutions are the best choice for any control room. The OverView N series of near-seamless LCD's, are an ideal solution for building tiled LCD video walls. For wide screen LCD displays for use as personal video walls, Barco has the professional LDX series.

OverView N series
OverView NSL

Wide screen LCD displays
LDX

LCD video walls: OverView NSL
46" and 55" narrow-bezel LCD for control rooms

Barco's OverView NSL-4621 and Over-View NSL-5521 are 46" and 55" full HD LCDs with LED backlights. They combine high brightness and durable LED back-light technology with an extremely nar-row bezel for excellent tiled visual per-formance.

The OverView NSL series offers the best available image quality in terms of reso-lution, brightness and viewing angle. Because LED backlights reduce burn-in and colorations in the LCD filters and po-larizers, the OverView NSL series has a long panel life, making it perfectly suited for long-term and 24/7 usage.

In order to make the configuration of a small control room easy, Barco intro-duces all-in LCD video wall bundles. By delivering all needed components in one package, we can provide the most cost-effective and flexible solution.

Key characteristics

> High resolution

> Cooling system separating hot and cold air

> Anti image retention circuitry

> Minimal seam for optimal tiled visual performance

> High brightness, excellent contrast and a wide viewing angle

> Scaled or native resolutions

> Stable colors thanks to display consistency management software

> Front and rear accessibility

		OverView NSL-4621	OverView NSL-5521
Backlight		Direct LED	Direct LED
Resolution		Full HD	Full HD
Pixels		1920 x 1080	1920 x 1080
Diagonal	inch	46	55
Aspect ratio		16:9	16:9
Access mode		front and back	front and back
Dimensions (W x H x D)	mm	1,024 x 578.6 x 98.2	1,215 x 686 x 98
Dimensions (W x H x D)	inch	40.3 x 22.8 x 3.9	47.8 x 27 x 3.9
Weight	kg	26	35
Weight	lbs	57.3	77.3

OverView NSL-4621

| LED TECHNOLOGY | Full HD 1920x1080p | WIDE VIEW | SCALABLE | FRONT ACCESS | COMPACT | 16:9 RATIO |

Input/Output: DSUB-15P in/out, DVI-D in/out, BNC in/out, S-video in/out

OverView NSL-5521

| LED TECHNOLOGY | Full HD 1920x1080p | WIDE VIEW | SCALABLE | FRONT ACCESS | COMPACT | 16:9 RATIO |
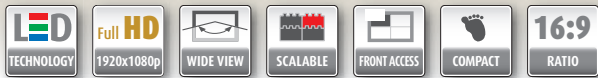
Input/Output: DSUB-15P in/out, DVI-D in/out, BNC in/out, S-video in/out

Also available as complete LCD video wall bundles (in various configurations; details on p. 44-45)
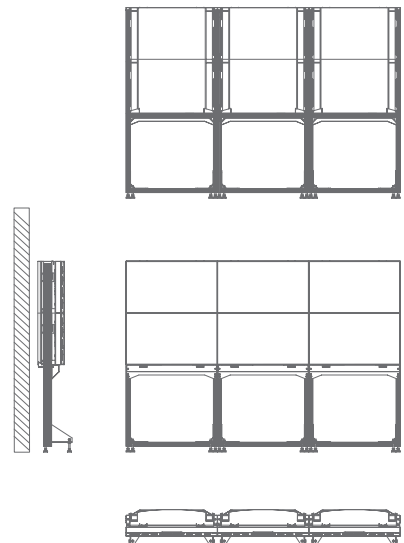
Personal video walls: LDX series
46" and 55" wide screen LCD displays

Barco's LDX series display with LED backlights has been designed for use in a wide variety of professional applications. The LDX produces crisp, bright and color-accurate images on a 46" or 55" screen.

Featuring LED backlit LCD technology, the LDX boasts a high brightness and wide color gamut and provides an exceptionally thin and space-saving design. Available in native full high definition (1920 x 1080 pixels), the LDX is a high-quality display that can be deployed in a wide variety of markets.

Barco's LDX combines the typical benefits of liquid crystal technology (such as low maintenance costs) with energy-efficient LED backlights, reducing image burn-in and colorations, which makes it perfectly suited for long-term usage.

Key characteristics

> Anti Image Retention circuitry

> Wide viewing angle

> High brightness for use in all conditions

> High contrast, even in high ambient light environments

> High resolution and pixel density

> Low power consumption

		LDX-46	LDX-55
Backlight		Edge LED	Edge LED
Resolution		Full HD	Full HD
Pixels		1920 x 1080	1920 x 1080
Diagonal	inch	46	55
Aspect ratio		16:9	16:9
Dimensions (WxHxD)	mm	1,075 x 639 x 85	1,267 x 749 x 81
Dimensions (WxHxD)	inch	42.3 x 25.2 x 3.3	49.9 x 29.5 x 3.2
Weight	kg	28	35
Weight	lbs	61.8	77.3

LDX-46

Full **HD** 1920x1080p	WIDE VIEW	**46"** SCREEN	**16:9** RATIO	**LCD** TECHNOLOGY	⊙in HD-SDI

Standard inputs: DVI single link, display port, HDMI, VGA, 2xHDSDI+3Gb/s, analog video (CVBS, S-Video, Component)

LDX-55

Full **HD** 1920x1080p	WIDE VIEW	**55"** SCREEN	**16:9** RATIO	**LCD** TECHNOLOGY	⊙in HD-SDI

Standard inputs: DVI single link, display port, HDMI, VGA, 2xHDSDI+3Gb/s, analog video (CVBS, S-Video, Component)

Easy wall or ceiling installation using integrated mounting interfaces according to VESA standards
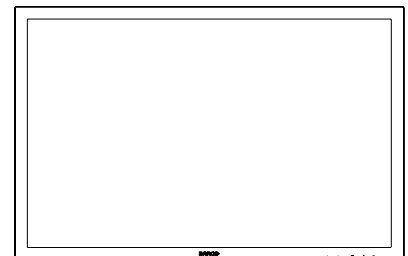
COMPLEMENTARY SERVICES

Barco's complementary services help you choose, install and integrate the best possible visualization solution. You can rest assured that your system will always perform optimally and that you can upgrade critical components to follow new technologies like LED to extend your system's lifetime.

Alternative screens

3rd generation LEDs

Professional services

Sense⁵ and Sense⁶

Technology refresh program

Technology options

High contrast, high brightness screens

> Screens available for OverView OL series: HVA (BB), FXS (standard), High Gain

> Screens available for OverView OVL series: FXS (standard) and BB

> Dedicated screens for high brightness or wide viewing angles

> Stitched and modular screens

When using rear-projection video walls, not only the projection engine is important, but also the screen used. The standard screens delivered with the Barco video wall cubes are aimed at offering high performance in all circumstances. However, for environments needing special requirements in terms of brightness, contrast, viewing angle and luminance, alternative screens can be selected.

3rd generation LEDs

> 33% more brightness

> Less energy consumption when operating at traditional brightness levels

> No impact on lifetime

> Makes LED suited for any control room

By introducing 3rd generation LEDs, video walls become 33% brighter. Barco's OVL cubes thus become the first LED-based video walls to cross the 1,000 lumens barrier, considered as the maximum needed brightness for control rooms. What's more, 3rd generation LEDs also use significantly less power to match the performance of traditional types.

3rd generation LEDs are integrated into most newly ordered Barco video walls; also an upgrade kit is available.

Professional services

> An extensive range of services, tailored to specific needs

> Perfect control of costs

> Pro-active maintenance and obsolescence management possibilities

> Single point of contact

> Training options available

Today's business-critical environments increasingly rely on visualization technology for monitoring and decision-making purposes. Due to the critical nature of the application, continuous availability and flexibility of these systems is a must. Barco's professional services, offered in cooperation with our reseller/integrator network, guide customers to choose the right technology, install and integrate their visualization solution and maintain the system following the industry standards.

Furthermore, these services allow to select value-added and custom-tailored options for small, medium and large-scale projects. Aided by this extensive range of professional services, customers get the most out of their investment, from the design phase through the entire project lifecycle.

Sense[5] and Sense[6]

Barco's automatic calibration systems bring wall uniformity to the next level. Sense[5] and Sense[6] not only ensure the maximum color and brightness performance of each cube; Barco's innovative technology also keeps all projection modules equal over time and across the entire video wall.

By integrating a brightness and color sensor (OverView M series) or a spectrometer (OverView O series), the video wall's color and brightness is continuously measured and communicated between projection modules. Sense[5] and Sense[6] automatically match the brightness of full white, full black and all gray levels in between, as well as the colors of all display modules.

Thanks to Barco's remote management software, operators and system administrators can easily control and calibrate individual display cubes or a complete video wall. As such, displays and projectors in a control room become a centrally managed asset, guaranteeing maximum uptime.

> Ultimate color stability

> Counteracts aging effects

> Uniform color spreading over all cubes

> No operator attention needed

Technology refresh program

To bring your control room visualization technology to the most recent high-quality standards, Barco offers an all-in-one technology refresh program for its legacy video wall systems.
Barco's video wall upgrade kit enables to upgrade lamp-based OV-D2, D1 and p-Si video walls to the latest LED-powered technology. In a cost-effective way, you benefit from the many advantages LED technology has to offer, including longer lifetime, reduced maintenance costs and lower energy consumption. Furthermore, the upgraded projection engine ensures an improved on-screen legibility, contrast and uniformity, better ergonomics for operators by optimized brightness levels, increased LED performance thanks to active liquid cooling, and LED redundancy for a maximal operational efficiency.

The video wall upgrade kit includes:
· New LED-based projection engine
· New illumination unit with input box and cooling unit
· New mounting brackets & sheet metal
· Technology assessment for video wall controller upgrade

> Secure your Barco investment for the future

> Minimize system downtime during installation

> Eliminate the need for architectural works

> Benefit from new technology in the most cost-effective way

> Preserve previous configuration and calibration

> Ensure a smooth sustainable transition

TECHNICAL SPECIFICATIONS
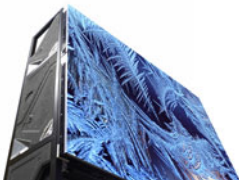
OVERVIEW SERIES	Screen size							Technology
	46 inch	50 inch	55 inch	60 inch	67 inch	70 inch	80 inch	LED-lit
OL	FULLY REDUNDANT 16:9 LED VIDEO WALLS							
OL-510		✔						✔
OL-521		✔						✔
OL-710						✔		✔
OL-721						✔		✔
OLF	FULLY REDUNDANT 16:9 LED VIDEO WALLS WITH FRONT ACCESS							
OLF-510		✔						✔
OLF-521		✔						✔
OLF-710						✔		✔
OLF-721						✔		✔
OLS	FULLY REDUNDANT 16:9 3D LED VIDEO WALLS							
OLS-521		✔						✔
OLSF-521		✔						✔
OLS-721						✔		✔
OLSF-721						✔		✔
OVL	FULLY REDUNDANT 4:3 LED VIDEO WALLS							
OVL-508		✔						✔
OVL-515		✔						✔
OVL-708						✔		✔
OVL-715						✔		✔
OVL-808							✔	✔
OVL-815							✔	✔
MVL	INDUSTRY-STANDARD 4:3 LED VIDEO WALLS							
MVL-615				✔				✔
MVL-6715					✔			✔
MVL-815							✔	✔
NSL	LCD VIDEO WALLS: NARROW-BEZEL LCD							
NSL-4621	✔							
NSL-5521			✔					
LDX	PERSONAL VIDEO WALLS: WIDE SCREEN LCD DISPLAYS							
LDX-46	✔							
LDX-55			✔					

| LCD | Ratio | | Resolution | | | | Access | 3D |
	4:3	16:9	XGA	WXGA	SXGA+	full HD	front	stereo
		✔		✔				
		✔				✔		
		✔		✔				
		✔				✔		
		✔		✔			✔	
		✔				✔	✔	
		✔		✔			✔	
		✔				✔	✔	
		✔				✔		✔
		✔				✔	✔	✔
		✔				✔		✔
		✔				✔	✔	✔
	✔		✔					
	✔				✔			
	✔		✔					
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✔						✔	✔	
✔						✔	✔	
✔						✔		
✔						✔		

16:9 LED video walls
OverView OL(F) series

SPECIFICATIONS		OL-510	OL-521	OL-710
		WXGA resolution	Full HD resolution	WXGA resolution
Screen diagonal	inch	50	50	70
Resolution	pixel	1368 x 768	1920 x 1080	1368 x 768
Absolute resolution	dpi	32	45	22.5
Aspect ratio	1	16:9	16:9	16:9
Screen	type	FXS[1]	FXS[1]	FXS[1]
Brightness on screen FXS, REC709	Cd/m^2	395	460	195
Contrast	dynamic	560,000:1	560,000:1	560,000:1
Max color gamut	% of EBU	165	165	165
White point	K	2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary
Color sequence	x frame rate	24	24	24
Color control	type	Sense[6]	Sense[6]	Sense[6]
Internal color processing	bit	3x24	3x24	3x24
Color measurement device	type	Spectrometer	Spectrometer	Spectrometer
Color measurement	color data points	256	256	256
Light source	type	LED	LED	LED
Redundancy of lightsource	n-fold	6	6	6
Lifetime of light source	h	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
Access mode	type	back	back	back
Geometry alignment	type	motorized	motorized	motorized
Power consumption	eco | typ | max W	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350
On board web server		✓	✓	✓
Wall control PC		✓	✓	✓
Web service API		✓	✓	✓
Connectivity	type	2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out
Screen gap (@ 25°C)	Hor. | vert. mm	0.8 | 0.5	0.8 | 0.5	1.0 | 0.7
Screen gap (@ 30°C)	Hor. | vert. mm	< 0.4 | < 0.3	< 0.4 | < 0.3	< 0.4 | < 0.3
Screen width	mm	1,088	1,088	1,550
Screen height	mm	612	612	872
Depth	mm	454	454	622
Weight	kg	44	44	66
Screen width	inch	42.8	42.8	61
Screen gap (@ 25°C)	Hor. | vert. inch	0.03 | 0.02	0.03 | 0.02	0.04 | 0.03
Screen gap (@ 30°C)	Hor. | vert. inch	< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012
Screen height	inch	24.1	24.1	34.3
Depth	inch	17.9	17.9	24.5
Weight	lbs	97	97	146

[1] available alternative screens for video walls: FXS (standard), HVA, High Gain
For other dimensions, please contact your sales representative.

OL-721	OLF-510	OLF-521	OLF-710	OLF-721
Full HD resolution	**WXGA resolution**	**Full HD resolution**	**WXGA resolution**	**Full HD resolution**
70	50	50	70	70
1920 x 1080	1368 x 768	1920 x 1080	1368 x 768	1920 x 1080
31.5	32	45	22.5	31.5
16:9	16:9	16:9	16:9	16:9
FXS[1]	FXS[1]	FXS[1]	FXS[1]	FXS[1]
235	395	460	195	235
560,000:1	560,000:1	560,000:1	560,000:1	560,000:1
165	165	165	165	165
2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary	2,300 | 6,500 | 9,300 | arbitrary
24	24	24	24	24
Sense[6]	Sense[6]	Sense[6]	Sense[6]	Sense[6]
3x24	3x24	3x24	3x24	3x24
Spectrometer	Spectrometer	Spectrometer	Spectrometer	Spectrometer
256	256	256	256	256
LED	LED	LED	LED	LED
6	6	6	6	6
60,000 | 80,000	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
back	front and back	front and back	front and back	front and back
motorized	motorized	motorized	motorized	motorized
170 | 230 | 350	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out
1.0 | 0.7	1.8 | 1.1	1.8 | 1.1	2.3 | 1.6	2.3 | 1.6
< 0.4 | < 0.3	0.4 | 0.3	< 0.4 | < 0.3	< 0.4 | < 0.3	< 0.4 | < 0.3
1,550	1,088	1,088	1,550	1,550
872	612	612	872	872
622	454	454	622	622
66	53	53	74	74
61	42.8	42.8	61	61
0.04 | 0.03	0.04 | 0.03	0.04 | 0.03	0.09 | 0.07	0.09 | 0.07
< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012
34.3	24.1	24.1	34.3	34.3
24.5	17.9	17.9	24.5	24.5
146	117	117	163	163

16:9 3D LED video walls
OverView OLS(F) series

SPECIFICATIONS		OLS-521	OLS-721	OLSF-521	OLSF-721
		Full HD resolution	Full HD resolution	Full HD resolution	Full HD resolution
Screen diagonal	inch	50	70	50	70
Resolution	pixel	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Absolute resolution	dpi	45	31	45	31
Aspect ratio	1	16:9	16:9	16:9	16:9
Screen	type	FXS[1]	FXS[1]	FXS[1]	FXS[1]
Brightness on screen FXS, EC709	Cd/m^2	440 | 355 in 2D | 3D	220 | 175 in 2D | 3D	440 | 355 in 2D | 3D	220 | 175 in 2D | 3D
Contrast	dynamic	560,000:1	560,000:1	560,000:1	560,000:1
Max color gamut	% of EBU	165	165	165	165
White point	K	3,200 | 6,500 |	3,200 | 6,500 |	3,200 | 6,500 |	3,200 | 6,500 |
		9,600 | arbitrary	9,600 | arbitrary	9,600 | arbitrary	9,600 | arbitrary
Color sequence	x frame rate	24	24	24	24
Color control	type	Sense[6]	Sense[6]	Sense[6]	Sense[6]
Internal color processing	bit	3x24	3x24	3x24	3x24
Color measurement device	type	Spectrometer	Spectrometer	Spectrometer	Spectrometer
Color measurement	color data points	256	256	256	256
Light source	type	LED	LED	LED	LED
Redundancy of lightsource	n-fold	6	6	6	6
Lifetime of light source	h	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
Access mode	type	back	back	front and back	front and back
Geometry alignment	type	motorized	motorized	motorized	motorized
Power consumption	eco | typ | max W	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350
On board web server		✓	✓	✓	✓
Wall control PC		✓	✓	✓	✓
Web service API		✓	✓	✓	✓
Connectivity	type	2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out	2x dual DVI in/out
Screen gap (@ 25°C)	Hor. | vert. mm	0.8 | 0.5	1 | 0.7	1.8 | 1.5	2 | 1.7
Screen gap (@ 30°C)	Hor. | vert. mm	< 0.4 | < 0.3	< 0.4 | < 0.3	< 0.4 | < 0.3	< 0.4 | < 0.3
Screen width	mm	1,088	1,550	1,088	1,550
Screen height	mm	612	872	612	872
Depth	mm	454	622	454	622
Weight	kg	44	63	53	73
Screen gap (@ 25°C)	Hor. | vert. inch	0.03 | 0.02	0.04 | 0.03	0.07 | 0.06	0.08 | 0.07
Screen gap (@ 30°C)	Hor. | vert. inch	< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012	< 0.015 | < 0.012
Screen width	inch	42.8	61	42.8	61
Screen height	inch	24.1	34.3	24.1	34.3
Depth	inch	17.9	24.5	17.9	24.5
Weight	lbs	97	139	117	161

[1] available alternative screens for video walls: FXS (standard), HVA, High Gain
For other dimensions, please contact your sales representative.

4:3 LED video walls
OverView MVL series

SPECIFICATIONS		MVL-615	MVL-6715	MVL-815
		SXGA+	SXGA+	SXGA+
Screen diagonal	inch	60	67	80
Resolution	pixel	1400 x 1050	1400 x 1050	1400 x 1050
Absolute resolution	dpi	29	26	22
Aspect ratio	1	4:3	4:3	4:3
Screen	type	XMD[1]	XMD[1]	UCS[1]
Brightness on screen	Cd/m^2	325	260	440
Contrast	dynamic	1,200,000:1	1,200,000:1	1,200,000:1
Max color gamut	% of EBU	100	100	100
White point	K	6,500	6,500	6,500
Color control	type	Sense[5]	Sense[5]	Sense[5]
Internal color processing	bit	3x24	3x24	3x24
Color measurement device	type	Color sensor	Color sensor	Color sensor
Color measurement	color data points	3	3	3
Light source	type	LED	LED	LED
Redundancy of lightsource	n-fold	6	6	6
Lifetime of light source	h	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
Access mode	type	back	back	back
Geometry alignment	type	manual	manual	manual
Power consumption	eco | typ | max W	150 | 200 | 270	150 | 200 | 270	150 | 200 | 270
On board web server		✓	✓	✓
Wall control PC		✓	✓	✓
Web service API		Optional	Optional	Optional
Connectivity	type	Dual DVI in/out	Dual DVI in/out	Dual DVI in/out
Screen gap (@ 25°C)	mm	< 1	< 1,5	< 2
Screen gap (@ 30°C)	mm	< 0.4	< 0.4	< 0.4
Screen width	mm	1,220	1,364	1,600
Screen height	mm	915	1,023	1,200
Weight	kg	92.5	107	138.5
Screen gap (@ 25°C)	inch	< 0.04	< 0.06	< 0.08
Screen gap (@ 30°C)	inch	< 0.015	< 0.015	< 0.015
Screen width	inch	48	53.7	63
Screen height	inch	36	40.3	47.2
Weight	lbs	204	236	305

[1] Screen H/V half gain angle

4:3 LED video walls
OverView OVL series

SPECIFICATIONS		OVL-508	OVL-515	OVL-708
		XGA	SXGA+	XGA
Screen diagonal	inch	50	50	70
Resolution	pixel	1024 x 768	1400 x 1050	1024 x 768
Absolute resolution	dpi	26	36	19
Aspect ratio		4:3	4:3	4:3
Screen	type	FXS[1]	FXS[1]	FXS[1]
Brightness on screen FXS, REC709	Cd/m^{2}	540	680	275
Contrast	dynamic	1,200,000:1	1,200,000:1	1,200,000:1
Max color gamut	% of EBU	165	165	165
White point	K	3,200 | 6,500 | 9,600 | arbitrary	3,200 | 6,500 | 9,600 | arbitrary	3,200 | 6,500 | 9,600 | arbitrary
Color sequence	x frame rate	24	24	24
Color control	type	Sense[6]	Sense[6]	Sense[6]
Internal color processing	bit	3x24	3x24	3x24
Color measurement device	type	Spectrometer	Spectrometer	Spectrometer
Color measurement	color data points	256	256	256
Light source	type	LED	LED	LED
Redundancy of lightsource	n-fold	6	6	6
Lifetime of light source	typ | eco hours	60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
Access mode	type	back	back	back
Geometry alignment	type	manual	manual	manual
Power consumption	eco | typ | max W	170 | 230 | 350	170 | 230 | 350	170 | 230 | 350
On board web server		✓	✓	✓
Wall control PC		✓	✓	✓
Web service API		✓	✓	✓
Connectivity		2 x dual DVI in/out	2 x dual DVI in/out	2 x dual DVI in/out
Screen gap (@ 25°C)	Modular screen	< 0.8 mm | < 0.03 inch	< 0.8 mm | < 0.03 inch	< 1.5 mm | < 0.06 inch[3]
Screen gap (@ 30°C)	Modular screen	< 0.4 mm | < 0.015 inch	< 0.4 mm | < 0.015 inch	< 0.4 mm | < 0.015 inch[3]
	Stitched screen			< 0.2 mm | < 0.008 inch[4]
Screen width	mm	1,000	1,000	1,400
Screen height	mm	750	750	1,050
Depth	mm	734	734	899
Weight	kg	65	65	101.5
Screen width	inch	39.4	39.4	55.1
Screen height	inch	29.5	29.5	41.3
Depth	inch	28.9	28.9	35.4
Weight	lbs	143	143	224

[1] available alternative screens for video walls: FXS (high brightness, excellent viewing angle), High Gain (ultimate brightness, medium viewing angle)
[2] ZeroGap technology
[3] for optimal modular screen
[4] by patented stitch concept

OVL-715	OVL-808	OVL-815
SXGA+	XGA	SXGA+
70	80	80
1400 x 1050	1024 x 768	1400 x 1050
25	16	22
4:3	4:3	4:3
FXS[1]	FXS[1]	FXS[1]
350	215	270
1,200,000:1	1,200,000:1	1,200,000:1
165	165	165
3,200 | 6,500 | 9,600 | arbitrary	3,200 | 6,500 | 9,600 | arbitrary	3,200 | 6,500 | 9,600 | arbitrary
24	24	24
Sense[6]	Sense[6]	Sense[6]
3x24	3x24	3x24
Spectrometer	Spectrometer	Spectrometer
256	256	256
LED	LED	LED
6	6	6
60,000 | 80,000	60,000 | 80,000	60,000 | 80,000
back	back	back
manual	manual	manual
170 | 230 | 350	170 | 230 | 350	170 | 230 | 350
✓	✓	✓
✓	✓	✓
✓	✓	✓
2 x dual DVI in/out	2 x dual DVI in/out	2 x dual DVI in/out
< 1.5 mm | < 0.06 inch[3]	< 2 mm | < 0.08 inch[3]	< 2 mm | < 0.08 inch[3]
< 0.4 mm | < 0.015 inch[3]	< 0.6 mm | < 0.024 inch[3]	< 0.6 mm | < 0.024 inch[3]
< 0.2 mm | < 0.008 inch[4]	< 0.2 mm | < 0.008 inch[4]	< 0.2 mm | < 0.008 inch[4]
1,400	1,600	1,600
1,050	1,200	1,200
899	1,023	1,023
101.5	131.3	131.3
55.1	63	63
41.3	47.2	47.2
35.4	40.3	40.3
224	289	289

Personal video walls
LDX series

SPECIFICATIONS		LDX-46	LDX-55
		Full HD	**Full HD**
Backlight	Type	Edge LED	Edge LED
Screen diagonal	Inch	46	55
Resolution	Pixel	1920 x 1080	1920 x 1080
Absolute resolution	dpi	48	40
Aspect ratio		16:9	16:9
Brightness	Cd/m^2	600	600
Screen technology	Type	LCD	LCD
Contrast		3,000:1 (typ.)	4,000:1 (typ.)
Light source lifetime	hours	50,000	50,000
Power consumption	typ | max W	120 | 220	130 | 240
Wall control		NSL Control Manager software	NSL Control Manager software
Inputs and outputs		Single hub DVI-D in/out	Single hub DVI-D in/out
		HDMI type A	HDMI type A
		2x HD-SDI in/out	2x HD-SDI in/out
		CVBS in/out	CVBS in/out
		VGA in/out	VGA in/out
		3x component video in/out	3x component video in/out
		S-video in/out	S-video in/out
Screen width	mm	1,075	1,267
Screen height	mm	639	749
Depth	mm	85	81
Weight	kg	28	35
Screen width	inch	42.3	49.9
Screen height	inch	25.2	29.5
Depth	inch	3.3	3.2
Weight (net/gross)	lbs	61.8	77.3
Regulation compliance	Type	CE, TÜV, cTÜVus, CCC, ROHS, WEEE	CE, TÜV, cTÜVus, CCC, ROHS, WEEE
Operating temp (min-max)	°C	0-40	0-40
Operating temp (min-max)	°F	32-104	32-104
Humidity	%	10-90% non-condensing	10-90% non-condensing

Narrow bezel
LCD video walls
OverView NSL series

SPECIFICATIONS		NSL-4621 Full HD	NSL-5521 Full HD
Backlight	Type	Direct LED	Direct LED
Screen diagonal	Inch	46	55
Resolution	Pixel	1920 x 1080	1920 x 1080
Absolute resolution	dpi	48	40
Brightness	typ | max Cd/m^2	500 | 700	500 | 700
Screen technology	Type	LCD	LCD
Contrast		3,500:1 (typ.)	3,500:1 (typ.)
Internal color processing		10 bit color resolution	10 bit color resolution
Light source lifetime	hours	50,000	50,000
Power consumption	typ | max W	90 | 190	130 | 300
Wall control		NSL Control Manager software	NSL Control Manager software
Connectivity		VGA in/out	VGA in/out
		DVI-D in/out with HDCP	DVI-D in/out with HDCP
		HDMI type A in/out	HDMI type A in/out
		S-video in/out	S-video in/out
		CVBS in/out (PAL/NTSC)	CVBS in/out (PAL/NTSC)
Screen gap	mm | inch	1.9 | 0.075 and 3.8 | 0.15	1.9 | 0.075 and 3.8 | 0.15
Screen width	mm	1,024	1,215.3
Screen height	mm	578.6	686.1
Depth	mm	98.2	98.2
Weight (net/gross)	kg	26 | 36	35 | 48.5
Screen width	inch	40.3	47.8
Screen height	inch	22.8	27
Depth	inch	3.9	3.9
Weight (net/gross)	lbs	57.3 | 79.4	77.3 | 107.1
Regulation compliance	Type	CE, CCC, ROHS, TUV, cTUVus, WEEE	CE, CCC, ROHS, TUV, cTUVus, WEEE
Operating temp (min-max)	°C	0-40	0-40
Operating temp (min-max)	°F	32-104	32-104
Humidity	%	20-80% non-condensing	20-80% non-condensing

LCD VIDEO WALL BUNDLE	Controller type			OS	CPU		Memory		Inputs	
	TransForm N Multimedia Terminal	TransForm ECU	TransForm NSD	Windows 7 Ultimate 64 bit	1x Intel Quad-core CPU	2x Intel Quad-core CPU	4GB	12GB	video inputs	SL-DVI inputs
MONOLITHIC										
46" tiled LCD video wall										
2x2 OverView NSL-4621	✔			✔	✔			✔		
3x2 OverView NSL-4621	✔			✔	✔			✔		
4x2 OverView NSL-4621	✔			✔	✔			✔		
or 55" tiled LCD video wall										
2x2 OverView NSL-5521	✔			✔	✔			✔		
3x2 OverView NSL-5521	✔			✔	✔			✔		
4x2 OverView NSL-5521	✔			✔	✔			✔		
LEGACY INPUT										
46" tiled LCD video wall										
2x2 OverView NSL-4621		✔		✔	✔		✔		8 ✔	4 ✔
3x2 OverView NSL-4621		✔		✔	✔		✔		8 ✔	4 ✔
4x2 OverView NSL-4621		✔		✔	✔		✔		8 ✔	6 ✔
or 55" tiled LCD video wall										
2x2 OverView NSL-5521		✔		✔	✔		✔		8 ✔	4 ✔
3x2 OverView NSL-5521		✔		✔	✔		✔		8 ✔	4 ✔
4x2 OverView NSL-5521		✔		✔	✔		✔		8 ✔	6 ✔
HIGH-PERFORMANCE NETWORKED										
46" tiled LCD video wall										
2x2 OverView NSL-4621			✔	✔		✔		✔	32 ✔	4 ✔
3x2 OverView NSL-4621			✔	✔		✔		✔	32 ✔	4 ✔
4x2 OverView NSL-4621			✔	✔		✔		✔	32 ✔	4 ✔
or 55" tiled LCD video wall										
2x2 OverView NSL-5521			✔	✔		✔		✔	32 ✔	4 ✔
3x2 OverView NSL-5521			✔	✔		✔		✔	32 ✔	4 ✔
4x2 OverView NSL-5521			✔	✔		✔		✔	32 ✔	4 ✔

Custom configurations possible. Please contact your sales representative.

Outputs		CMS				Software		Additional equipment		Cables			
4 SL-DVI outputs	8 SL-DVI outputs	server	sidebar	display agent	viewer/ display	Display control software	BCM software	Wall brackets Chief	Key-board/ mouse	KBM Extension 20m	Dual Link DVI-D 20m	RS232 Serial Port 15m	Power cords EU/ UK/US/CN
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔
✔						✔	✔	✔	✔	✔	✔	✔	✔
	✔					✔	✔	✔	✔	✔	✔	✔	✔
	✔					✔	✔	✔	✔	✔	✔	✔	✔
✔						✔	✔	✔	✔	✔	✔	✔	✔
	✔					✔	✔	✔	✔	✔	✔	✔	✔
	✔					✔	✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔
	✔	✔	5 ✔	✔	36 ✔		✔	✔	✔	✔	✔	✔	✔

Icons explained

Throughout this catalog, you'll often find icons next to the pictures of our products. In case of doubt, please refer to the list below for their explanation:

3D STEREO	3D stereoscopy option	**COOLED**	Liquid cooled engine	**SENSE⁵**	Sense[5] auto-calibration of colors and brightness
4:3 RATIO	Screen aspect ratio of 4:3	**FRONT ACCESS**	Front accessible	**SENSE⁶**	Sense[6] auto-calibration of colors and brightness
16:9 RATIO	Screen aspect ratio of 16:9	**Full HD 1920x1080p**	Full HD resolution	**COLOR SENSOR**	Sense[5] technology with spectrometer for higher accuracy
24|7 USE	Designed for 24/7 mission critical applications	**HD-SDI in**	Additional HD-SDI inputs	**SPECTROMETER**	Sense[6] technology with spectrometer for higher accuracy
46″ SCREEN	46″ screen	**LCD TECHNOLOGY**	Screen with LCD technology	**SXGA⁺ 1400x1050**	SXGA[+] resolution
55″ SCREEN	55″ screen	**LED TECHNOLOGY**	LED-lit rear-projection technology	**WXGA 1368x768**	WXGA resolution
AUTO ALIGN	Auto align	**REDUNDANT**	Redundant	**WIDE VIEW**	Ultra-wide viewing angle
COMPACT	Compact	**SCALABLE**	Scalable technology allowing bigger video walls	**WEB SERVER**	Web server for remote access

Find the video wall display you need in just two clicks!

Go to our online product finder at

www.barco.com/en/controlrooms/videowall_productfinder

About Barco

Barco designs, manufactures and markets innovative hard- and software visualization solutions for a variety of applications, such as traffic management, surveillance, command and control, broadcasting and telecom networks, and utilities and process control. With Barco's visualization solutions, control center operators are offered a real-time collaborative work experience for monitoring, response dispatching and coordination, access and flow control, recording, and overall systems control for 24/7 operations.

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