OverView OSV series
Seamless collaboration video walls

The OverView OSV series is a range of high-performing video walls, ideal to visualize and evaluate huge amounts of information. Featuring a large, curved or flat, panoramic seamless canvas, a mix of data and video can be displayed simultaneously in high quality without the interruption of a seam or a bezel. Furthermore, the innovative, network-centric TransForm C controller system allows sharing any source, at any time, to any location. All content is also automatically positioned on the video wall in the most optimal way. The OSV series comes in two flavors: the OSV LL (Long Lifetime) range was designed for 24/7 applications, ensuring long lifetime and minimal maintenance. If you want more brightness, the OSV HB (High Brightness) range is your preferred solution. This High Brightness series is your preferred solution for environments with more demanding ambient lighting conditions.

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Overview OSV series

Seamless collaboration video walls

Any source, anywhere, anytime

The network centric architecture of TransForm C allows users to remotely share any source to any location at any given time. This includes content from mobile devices, which can be easily shared using the network. The images also remain available in their native resolution, for optimal quality.

Position content wherever you want

Using a touch panel and an easy-to-use GUI, the sources can be positioned anywhere on the screen. The combination of auto-generated and content type dependent layout regions ensures optimal use of both the display surface and the composition capacity of the controller.
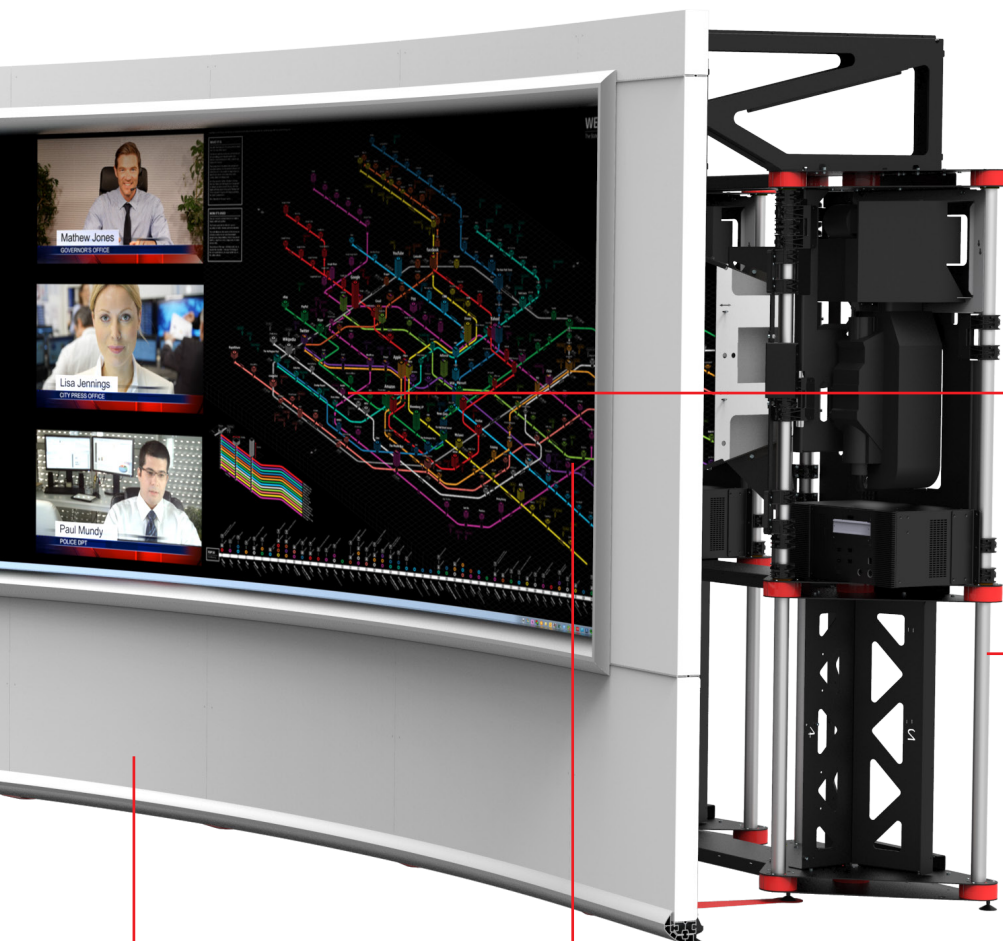
Low TCO

The OSV video walls have been designed to operate at a minimal Total Cost of Ownership during their lifetime. Very limited maintenance is needed, due to the absence of consumables, the long lifetime of the used lighting sources and the low power consumption.

Saving real estate space

Compared with conventional rear-projection systems, the OSV video walls have a limited center depth of 1.2 meters/46 inches. When using the flat screen version (the OSV F-series), this is all the depth you need. In this way, the available real estate space is used to its maximum.
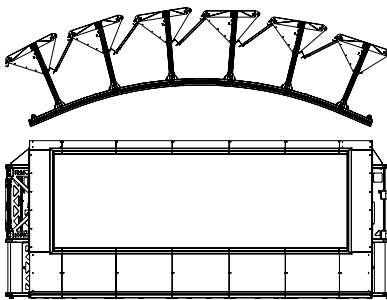
Real-life collaboration

The large screen area, gives all participants in a telepresence meeting a front row seat. Using 3, 5 or 7 rear-projection modules, the horizontal size of the OSV system varies from 3.5 to 6.5 meters (120 to 240 inches).

A real seamless canvas

No matter how thin, seams and bezels are always a nuisance. Especially when displaying numbers or other critical content, any interruption is too much. OSV's seamless canvas makes sure a wealth of different sources can be positioned anywhere on the screen, in the most efficient way.

Free from image retention

The OSV uses DLP technology, which is not sensitive to image retention. This means you can show static images without risking burn-in effects.

Content on-screen in the easiest way

For ultimate ease-of-use and the best user experience, Barco's wireless presentation and collaboration system ClickShare was built into the graphics controller of the seamless video wall, allowing users to display content from their laptop, tablet or smartphone by simply clicking a button Unlike standalone ClickShare systems, that can drive up to two screen areas of WUXGA resolution maximum, this built-in version can display the content of multiple users at full HD resolution.

Proven technology

The OSV LL video walls are based on proven LED rear-projection cube technology. These modules provide the needed guarantees regarding image quality, image stability and best colors. With a lifetime of over 60,000 hours they provide a worry-free operation in collaboration rooms, and are appropriate for 24/7 use. The OSV HB range is based on the latest solid-state projection technology. They boost 3 times the brightness of the OSV LL models while offering 30% more pixels. With a lifetime of more than 20,000 hours for the illumination unit, these walls can be used for many years in non 24/7 environments.

Enhanced user participation

The OSV C-series features a curved screen, which creates an immersive effect that makes everyone in the room feel more involved and improves the collaboration.

Overview OSV series

Technical specifications

Curved screen series:

	OSV LL product line			OSV HB product line		
	OSV-340C	OSV-560C	OSV-790C	OSV-350C	OSV-580C	OSV-711C
Resolution (megapixels)	3.8	6.2	8.5	5.0	8.1	11.1
Luminance (Nit)	80	80	80	230	230	230
System width front (mm/inch)	3497 | 137.7	5054 | 199	6477 | 255	3497 | 137.7	5054 | 199	6477 | 255
System width back (mm/inch)	4045 | 159.3	5944 | 234	7691 | 302.8	4045 | 159.3	5944 | 234	7691 | 302.8
Image start height (mm/inch)	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5
Image height (mm/inch)	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1
Total height (mm/inch)	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3
System depth at center (mm/inch)	1165 | 45.9	1165 | 45.9	1165 | 45.9	1165 | 45.9	1165 | 45.9	1165 | 45.9
Pixel size (mm/inch)	1 | 0.04	1 | 0.04	1 | 0.04	0.88 | 0.03	0.88 | 0.03	0.88 | 0.03

Flat screen series:

	OSV LL product line			OSV HB product line		
	OSV-340F	OSV-560F	OSV-790F	OSV-350F	OSV-580F	OSV-711F
Resolution (megapixels)	3.8	6.2	8.5	5.0	8.1	11.1
Luminance (Nit)	80	80	80	230	230	230
System width front (mm/inch)	3539 | 139	5054 | 199	6477 | 255	3539 | 139	5054 | 199	6477 | 255
System width back (mm/inch)	3539 | 139	5944 | 234	7691 | 302.8	3539 | 139	5944 | 234	7691 | 302.8
Image start height (mm/inch)	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5	750 | 29.5
Image height (mm/inch)	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1	1400 | 55.1
Total height (mm/inch)	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3	2370 | 93.3
System depth at center (mm/inch)	1170 | 46	1165 | 45.9	1165 | 45.9	1170 | 46	1165 | 45.9	1165 | 45.9
Pixel size (mm/inch)	1 | 0.04	1 | 0.04	1 | 0.04	0.88 | 0.03	0.88 | 0.03	0.88 | 0.03

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