

# OverView OSV-790F

Long lifetime seamless flat 8.5 megapixels collaboration video wall



The OverView OSV-790F is a high-performing 8.5 megapixels video wall, ideal to visualize and evaluate huge amounts of information in 24/7 environments. Featuring a large, 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, by benefiting from proven rear-projection technology, state-of-the-art controllers and advanced signal processing, the OSV offers a feature-rich solution with high image quality and excellent reliability. Compact in setup, this video wall suits a multitude of possible applications from crisis operations and war rooms, to brainstorm and planning rooms, and of more traditional control room applications in utilities, energy and process control.

## All the advantages of LED technology

Images are displayed on the OSV using Barco's LED-lit rear-projection technology, which has a long track record in the control rooms market. This means these seamless video walls benefit from the many advantages of LED technology, including: very low maintenance, substantially reduced power consumption, and long lifetime. The use of DLP projection technology makes the solution fit for 24/7 use, preventing the image retention (e.g. a burned-in company logo) often seen in less qualitative solutions. The OSV-790F consists of seven blended rear-projection cubes, forming one seamless image.

## 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.

**Saving real estate space**

Compared with conventional rear-projection systems, the OSV video walls have a limited depth of less than 1.2 meters/47 inches. In this way, the available real estate space is used to its maximum.

**High brightness**

The OSV HB series is equipped with laser-phosphor projection technology, strongly boosting its brightness levels. This allows the system to be used in environments with challenging lighting conditions.

**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.

**Enhanced immersive user participation**

The use of a curved screen creates an immersive effect that makes everyone in the room feel more involved, which improves the collaboration.

**More pixels**

Compared with the OSV LL series, the OSV HB series has a 30% higher resolution. This means that even more information can be displayed on the seamless canvas.

**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).

**Product specificaties****OVERVIEW OSV-790F****General specifications**

Resolutie	8.5 Mega Pixels
Pixelgrootte	1 mm
Helderheid	80 Nit (cd/m <sup>2</sup> )
Systeemcontrast	25:1 with 100 lux ambient light on-screen
Kleur	Up to 165% EBU
Weergavetechnologie	Rear projection DLP
Wit punt	2,300K   6,500K   9,300K   arbitrary
Helderheidsuniformiteit	90% ANSI 9
Kleurstabiliteit	Self calibrating with spectrometer based Sense6
Schermb	Barco Semi-Rigid Seamless Rear Projection Screen
Ruimte tussen schermen	None. No seams or bezels
Scherfmaat	6095 (length) x 1400 (height) mm 240 (length) x 55 (height) inch
Radius	N/A -flat screen
H / V Half Gain-hoek	60° both horizontal and vertical
Scherfreflectiviteit	2%
Afmetingen (fysiek)	6899 (length) x 2370 (height) mm 271.6 (length) x 93.3 (height) inch
Beginhoogte beeld	750 mm / 29.5 inch above floor
Diepte	Center: 1170 mm / 46 inch
Gewicht	1100 kg / 2425 lbs
Lichtbron	6x redundancy for each of 3 LEDs
Levensduur lichtbron	> 60,000 h > 80,000 h (eco)
Aanbevolen onderhoudsinterval	> 5 years No burn-in, no image retention
Gebruiksomstandigheden	10°C-40°C, 50°F-104°F 80% humidity (non condensing)
Ingangsspanning (wisselstroom)	110 – 240 V, 50-60Hz
Vermogen	Typical: 2510 W ; Maximum: 3335 W
Warmteafvoer	Typical: 8572 BTU/h ; Maximum: 11390 BTU/h
Signaalgangen	Twin dual link DVI-D
Ingangsfrequentie	300 MHz
Integratie met apparatuur van derden	Web based API
Garantie	2 years

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