

OV-701

Entry level 70" single lamp video wall system integrating DLP™ technology with XGA resolution



Barco's OV-701 integrate cutting edge DLP™ technology into 70" video wall systems that are designed and optimized for use in a 24/7 mission critical environment. The Barco designed projection engine provides a set of unique features. The result is an affordable DLP™ rear projection system with outstanding picture quality, reliability and ease of use.

Superior display quality

- Latest high contrast DLP™ technology
- Optimal brightness, contrast, color uniformity
- Large viewing angles
- Optical dimming functionality providing luminance uniformity across all screens, without causing loss of contrast or color depth
- Dynamic Feedback technology maintaining constant luminance over time

Reliability and lifetime serviceability

- Engineered for ease of maintenance
- Dust-free overpressure design
- Access to operation and service adjustments through IR remote control and an On-Screen Display
- Barco's Lamp-Lease Program allows you to efficiently control operational costs

Flexibility

- Designed to build display walls of any size, in a linear or curved setup
- Requiring minimal installation depth
- Innovative modular concept

BARCO

Visibly yours

Technical specifications

Resolution	XGA (1024 x 768px)
DMD chip	1024 x 768px 0.7" ±12° tilt DDR MTBF:650,000 hours Lifetime: 100,000 hours
Number of used micromirrors	0.8 M
Pixelshape	Square
Aspect ratio	4:3
Lamp	<ul style="list-style-type: none"> • 100W: 10,000 hours
AC power	100-240 VAC, 60-50Hz
Power	190 W
Heat dissipation	650 BTU/h
Brightness	550 (typ.) (@ 6500K, but can be set to other values)
Contrast	1,300:1
Brightness uniformity	85% (ANSI Points)
Dimming	Optical Dimming with Dynamic Feedback Brightness locking: 50-100% optical dimming range, without color shift, loss of contrast and loss of colordepth
Color	EBU color triangle White point: 6,500 K (can be set to other values)
Inputs	Standard: DVI-D in/ DVI-D out with dual XGA support Optional (only in single XGA mode, sdi input upon request): OverView D Multi input module: DVI-D, DVI-I, Multi Sync RGB input (VGA upto UXGA), Video Input (PAL, NTSC, SECAM)
Genlock	48 – 62 Hz
Weight	62 kg (excl. structures)
Dimensions structure	Diagonal: 70" nominal Width: 1,400 mm / 55.1" Height 1,050 mm / 41.3" Footprint 763 mm / 30" Depth: 899 mm / 35.4" Socket Height: 875 - 1,000 - 1,200 mm / 34.5" - 39.4" - 47.2" Socket Height: (min) 640 mm / 25.2"