

OV-501

Entry level 50" single lamp video wall system integrating DLP™ technology with XGA resolution



Barco's OV-501 integrate cutting edge DLP™ technology into 50" 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

BARCO

Visibly yours

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costs

Flexibility

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

Product specifications**OV-501**

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	Lamp life (lamp manufacturer specs @ IEC 61947-1 test conditions): - 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	1300:1
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: 6500 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
Dimensions structure	Diagonal: 50" nominal Width: 1,000 mm / 39.6 in. Height 750 mm / 29.5 in. Footprint n.a. Depth: 664.5 mm / 26.2 in. Socket Height: 875 - 1,000 - 1,200 mm / 34.5 - 39.4 - 47.2 in. Socket Height: (min) 455 mm / 17.9 in.
Weight	62 kg (excl. structures)