

# 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

**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-701**

<b>Resolution</b>	XGA (1024 x 768px)
<b>DMD chip</b>	1024 x 768px 0.7" ±12° tilt DDR MTBF:650,000 hours Lifetime: 100,000 hours
<b>Number of used micromirrors</b>	0.8 M
<b>Pixelshape</b>	Square
<b>Aspect Ratio</b>	4:3
<b>Lamp</b>	Lamp life (lamp manufacturer specs @ IEC 61947-1 test conditions): - 100W: 10,000 hours
<b>AC power</b>	100-240 VAC, 60-50Hz
<b>Power</b>	190 W
<b>Heat dissipation</b>	650 BTU/h
<b>Brightness</b>	550 (typ.) (@ 6500K, but can be set to other values)
<b>Contrast</b>	1,300:1
<b>Brightness uniformity</b>	85% (ANSI Points)
<b>Dimming</b>	Optical Dimming with Dynamic Feedback Brightness locking: 50-100% optical dimming range, without color shift, loss of contrast and loss of colordepth
<b>Color</b>	EBU color triangle White point: 6,500 K (can be set to other values)
<b>Inputs</b>	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)
<b>Genlock</b>	48 – 62 Hz
<b>Dimensions structure</b>	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"
<b>Weight</b>	62 kg (excl. structures)