

OverView mDR50-DL

50" dual lamp video wall system integrating DLP™ technology with SXGA resolution.



Barco's OverView D series 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 unrivaled 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 and large viewing angles
- Optical Dimming to reach equal luminance values without loss of contrast or color depth on all screens
- Dynamic Feedback technology to maintain constant luminance over time

Reliability and lifetime serviceability

- dual redundant lamp allows you to rely 100% on your Barco display wall
- engineered for ease of maintenance
- dustfree overpressure design
- access to operation and service adjustments through IR remote control and an On-Screen Display
- easy lamp replacement from the rear of the system while system runs
- Barco's Lamp-Lease Program allows you to efficiently control operational costs

Flexibility

- designed to form display walls of any size, in a linear or curved setup

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Visibly yours

OverView mDR50-DL

50" dual lamp video wall system integrating DLP™ technology with SXGA resolution.

- /> requires minimal installation depth
- innovative modular concept

Product specifications

OverView mDR50-DL

Resolution	SXGA based upon emulation of SXGA+ (1400 x 1050px) model		
Resolution	SXGA+ (1400 x 1050px)		
DMD chip	1400 x 1050px 0.95" ±12° tilt LVDS MTBF:650,000 hours Lifetime: 100,000 hours		
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Number of used micromirrors	1.31 M		
Number of used micromirrors	1.47 M		
Pixelshape	Square		
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Aspect Ratio	4:3		
Aspect Ratio	5:4		
Lamp	<ul style="list-style-type: none"> • Lamp life (lamp manufacturer specs @ IEC 61947-1 test conditions): <ul style="list-style-type: none"> - 100 W: 2 x 10000 hours - 120 W: 2 x 6000 hours • Lamp modes: Hot stand-by, cold stand-by and Auto Switch mode • Lamp switching times: <ul style="list-style-type: none"> - After lamp switch: 0,5 seconds - After lamp failure: 1,5 seconds • Hot Standby-image reaches 50% brightness after lamp switch in less then 0.5 seconds 		
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AC power	100-240 VAC, 60-50Hz		
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Power		Cold standby	Hot standby
	<i>100 W</i>	190 W	285 W
	<i>120 W</i>	210 W	325 W
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	<i>100 W</i>	190 W	285 W
	<i>120 W</i>	210 W	325 W

Product specifications

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Heat dissipation	Cold standby	Hot standby
	100 W	650 BTU/h
	120 W	715 BTU/h
		1110 BTU/h
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	100 W	650 BTU/h
	120 W	715 BTU/h
		1110 BTU/h
Brightness	100W:625 ANSI Lumen 120W:715 ANSI Lumen	
Brightness	100W:700 ANSI Lumen 120W: 800 ANSI Lumen	
Contrast	1600:1	
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Brightness uniformity	90% Automated lamp alignment after lamp change for optimized color uniformity and brightness Active patent pending mechanism for brightness tolerancing reduction	
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Dimming	Optical Dimming with Dynamic Feedback Brightness locking: 50-100% optical dimming range, without color shift, loss of contrast and loss of colordepth Image equalization: All display modules can be set to equal brightness and contrast	
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Color	EBU color triangle White point: 6500K, but can be set to other values	
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Inputs	Standard: Dual DVI-D Optional: OverView D Multi input module: DVI-D, DVI-I, Multi Sync RGB input (VGA upto UXGA), Video Input (PAL, NTSC, SECAM)	
Inputs	Standard: 2 x DVI-D Optional: 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	
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Dimensions structure	Diagonal: 50" nominal Width: 1000 mm / 39.4 in. Height 800 mm / 31.5 in. Footprint 568 mm / 22.4 in. Depth: 721 mm / 28.4 in. Socket Height: 875 -1000 - 1200 mm Socket Height: (min) 455 mm / 17.9 in.	
Dimensions structure	Diagonal: 50" nominal Width: 1000 mm / 39.4 in. Height 750 mm / 29.5 in. Footprint 568 mm / 22.4 in. Depth: 664.5 mm / 26.2 in. Socket Height: 875 -1000 - 1200 mm Socket Height: (min) 455 mm / 17.9 in.	