

# OverView mDR+50-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

**BARCO**

Visibly yours

# OverView mDR+50-DL

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

- /> requires minimal installation depth
- innovative modular concept

## Product specifications

## OverView mDR+50-DL

<b>Resolution</b>	SXGA+ (1400 x 1050px)		
<b>DMD chip</b>	1400 x 1050px 0.95" ±12° tilt LVDS MTBF:650,000 hours Lifetime: 100,000 hours		
<b>Number of used micromirrors</b>	1.47 M		
<b>Pixelshape</b>	Square		
<b>Aspect Ratio</b>	4:3		
<b>Lamp</b>	<ul style="list-style-type: none"> <li>• Lamp life (lamp manufacturer specs @ IEC 61947-1 test conditions): <ul style="list-style-type: none"> <li>- 100 W: 2 x 10000 hours</li> <li>- 120 W: 2 x 6000 hours</li> </ul> </li> <li>• Lamp modes: Hot stand-by, cold stand-by and Auto Switch mode</li> <li>• Lamp switching times: <ul style="list-style-type: none"> <li>- After lamp switch: 0,5 seconds</li> <li>- After lamp failure: 1,5 seconds</li> </ul> </li> <li>• Hot Standby-image reaches 50% brightness after lamp switch in less then 0.5 seconds</li> </ul>		
<b>AC power</b>	100-240 VAC, 60-50Hz		
<b>Power</b>		<b>Cold standby</b>	<b>Hot standby</b>
	<i>100 W</i>	190 W	285 W
	<i>120 W</i>	210 W	325 W
<b>Heat dissipation</b>		<b>Cold standby</b>	<b>Hot standby</b>
	<i>100 W</i>	650 BTU/h	975 BTU/h
	<i>120 W</i>	715 BTU/h	1110 BTU/h
<b>Brightness</b>	100W:700 ANSI Lumen 120W: 800 ANSI Lumen		
<b>Contrast</b>	1600:1		
<b>Brightness uniformity</b>	90% Automated lamp alignment after lamp change for optimized color uniformity and brightness Active patent pending mechanism for brightness tolerancing reduction		
<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 Image equalization: All display modules can be set to equal brightness and contrast		
<b>Color</b>	EBU color triangle White point: 6500K, but can be set to other values		
<b>Inputs</b>	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)		
<b>Genlock</b>	48 – 62 Hz		
<b>Dimensions structure</b>	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.		