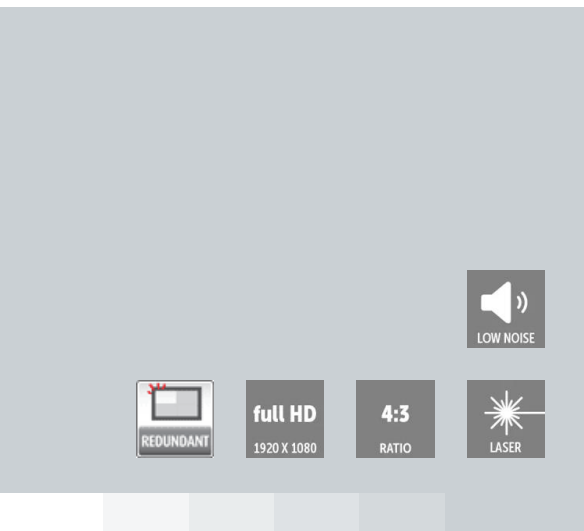


Upgrade to an RGB Laser video wall

Upgrade your current video wall investment with improved brightness, color gamut and lifetime



- Lower TCO
- Latest & future-proof technology
- Ultimate image quality step-up
- Up to 50% reduction on power consumption
- Silent like never before ('library' noise level)

Barco's introduction of RGB Lasers as a light source has given rear-projection video wall technology a substantial and inventive boost. Incorporating higher brightness, an extended color gamut and a longer lifetime, the RGB Laser technology offers a number of important advantages compared to LAMP or LED technology. Barco is now offering owners of legacy lamp based systems, OVL-series & OL-7xx systems the opportunity to upgrade their system.

Ready for years of additional service

By simply integrating the new RGB Laser-based projection module into your existing mechanical structure, your system is ready for years of extra service without any architectural or physical impact within your environment. Moreover, the upgrade can be performed without system or operational downtime. Existing video walls are fully compatible with the latest RGB Laser projection engine.

Why upgrade to RGB Laser?

Upgrading to RGB Laser has distinct advantages, making it a smart and future-proof move:

- RGB Laser reduces operational costs with superior Total Cost of Ownership
- 2x higher brightness combined with longest lifetime
- Ultimate Image quality step up: superior color saturation, focus and contrast
- Improved focus and contrast with more accurate colors
- Up to 50% less power consumption at higher brightness levels
- 50% less effort required for installation (motorized 7-axis alignment)
- 25% less noise ('library' noise level)
- Redundancy of critical components for ultimate peace of mind
- Upgrade from Sense6 (old generation) to the new Sense X technology for superior automatic real-time color & brightness calibration
- Longer lifetime of uninterrupted operation in 24/7 mode

Product specifications**UPGRADE TO AN RGB LASER VIDEO WALL**

Lamp-based to RGB Laser options		
67" 4:3	UPGRADE cDG67 -> ODL-6715	R9867107
67" 4:3	UPGRADE OV-6715 -> ODL-6715	R9867108
67" 4:3	UPGRADE cDR+67 -> ODL-6715	R9867109
70" 4:3	UPGRADE OV-7xx -> ODL-715	R9867105
80" 4:3	UPGRADE OV-8xx -> ODL-815	R9867103
80" 4:3	UPGRADE cDG80 -> ODL-815	R9867140
80" 4:3	UPGRADE cDR+80 -> ODL-815	R9867141
LED-based to RGB Laser options		
70" 16:9	UPGRADE OL-7xx -> ODL-721	R9845640
70" 4:3	UPGRADE OVL-7xx -> ODL-715	R9867106
80" 4:3	UPGRADE OVL-8xx -> ODL-815	R9867104
General specifications		
Resolution	Full HD (1920 x 1080 pixels), 16:9 Aspect Ratio SXGA+ (1400x1050 pixels), 4:3 Aspect Ratio	
On-screen contrast	1800:1	
Color	Up to 170% REC709 color triangle	
Display technology	Rear projection DLP	
White point	Customized white points	
Brightness uniformity	Typ. >95% ANSI 9 Typ. >90% ANSI 13	
Color stability	Sense X automatic calibration	
Light source	RGB lasers illumination (Lasers Class 1 RG2)	
Redundancy	Redundant laser banks with redundant power supply drivers, input signal & external power supply	
Light source lifetime	> 125,000 hrs in both Normal and Eco mode*	
Noise Level	Less than 20 dB (measured from 3 meters in front)	
Conditions for operation	10°C-40°C 50°F-104°F Up to 80% humidity (non-condensing)	
AC input voltage	100 – 240 VAC, 50-60Hz	
Power consumption	120W (eco) 200W (normal)	
Heat dissipation	390 BTU/h (eco) 680 BTU/h (typ) 860 BTU/h (max)	
Connectivity	2x DP1.2 inputs & 1x output (4K@60Hz) 2x HDMI 2.0 inputs (4K@60Hz) 2x USB ports (only for power) 2x Ethernet ports	
HDCP	2.2 compliance	
Signal processing	Loop through Cropping, scaling with wall configuration	
Direct ethernet access	Built-in web server	
Graphical user interface	All settings and operational parameters	
Integration to third party equipment	WEB service API	
Warranty	2 years	
Notes	* for ODL Gen2 engine	

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