

OVF-708

70" XGA front-access projection module



Barco's 70" XGA front-accessible video wall system has been designed and optimized for use in a 24/7 mission critical environment. It offers outstanding picture quality, high reliability and ease of use.

For applications where space is limited, the OVF-708 can be serviced from the front. The video wall can be positioned against the wall, which means that no rear maintenance area is needed. The video walls' high resolution and dedicated HVM screens allow operators to sit close by and monitor high-density information without image artifacts. Regular service, such as lamp replacement, can be performed without losing video wall content and without opening the screen area or obstructing the operator.

Product specifications

OVF-708

General specifications

Resolution	XGA (1024 x 768px)		
Absolute resolution	19 dpi		
Luminous flux	875 @ 6500K @ 132W		
Contrast	4800:1		
Color	100% EBU		
White point	6500K, natural lighting (special 3200K option for backdrop)		
DMD chip	1024 x 768px 0.7" ±12°tilt DarkChip3 BrilliantColor™ LVDS MTBF:650,000 hours Lifetime: 100,000 hours		
Image retention	No image retention or burn-in		
Pixel accuracy	PixelTrue display, shows each pixel true to the input pixels without scaling or smoothing effects		
Lamp	<ul style="list-style-type: none">Lamp life (lamp manufacturer specs @ IEC 61947-1 test conditions):<ul style="list-style-type: none">- 120 W: 10,000 hours- 132 W: 6,000 hours- 180 W: 6,000 hoursLamp redundancy: cold standby or hot standby with redundant power supplyAutomatic lamp switch by autosensing lamp failureLamp replacement: defect lamp can be hot-swapped without image lossLamp switch: dynamic feedback of brightness and color readjust video wall to equal performanceLamp switching time: < 1.5 secondsI-lamp: intelligent lamp carries a.o. lamp life information & spectrum		
Color wheel	Color wheel cartridge with MTTR < 5 minutes 3x speed for better image representation Air bearing with rating of 50,000 hours		
AC power	100-240 VAC, 60-50Hz		
Power	(W)	Cold standby	Hot standby
	120W	< 250	< 390
	132W	< 275	< 430
	180W	< 335	< 550
Heat dissipation	(BTU/h)	Cold standby	Hot standby
	120W	< 850	< 1325
	132W	< 900	< 1375
	180 W	< 1145	< 1875
Input/Output	1 x DVI-D in/out, 1 x Dual-link DVI-D in/out		
Pixel clock	162 MHz 270 MHz (On second input)		
Input frequency	Multi sync 30Hz-75Hz		
Genlock	49 – 61 Hz		
Supported resolutions	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, 1080p, dual XGA, triple XGA*, quad XGA*, dual SXGA+* *On second input		
Cropping	Yes		
Scaling	Up-and down scaling (optional)		
Barco Wall Control Manager	Graphical representation of video wall on operator PC Integrates separate video wall modules into a single display, allowing a.o. Sense ⁶ Client – server architecture provides central video wall logic with multiple access from multiple sites Health Status in the blink of an eye and support for trouble shooting Configuration of different settings Wall control by the operator Multiple access levels		
Direct ethernet access	Projection module settings and control through standard ethernet browser. Easy and fast firmware upgrading over ethernet		
Autodiagnosics	Projector self test		
Integration to third party equipment	External video wall control from different devices through SOAP based API		
Dimensions	Diagonal: 70" nominal Width: 1400 mm / 55.1 in. Height: 1050 mm / 41.3 in. Depth: 763 mm / 30 in. Full Depth: D2 689.5 mm / 27.15 in. Aspect ratio: 4:3 Standard height 836 mm / 32.9 in, 1288 mm / 50.7 in. Screen height (min) 613 mm / 24.1 in. Weight/module 150 kg / 330.7 lbs		

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