

Galaxy 4K-32

3D stereo, 32,000 lumens, 4K three-chip DLP projector



With its 4K (4096x2160) resolution and 32,000 lumens light output, Barco's Galaxy 4K-32 projector brings high-fidelity 3D imagery to virtual reality installations worldwide.

The Galaxy 4K-32 features patented color convergence technology. In addition to the excellent color saturation of three-chip DLP technology, the projector also ensures solid color and brightness uniformity. For large-screen applications that need the brightest 3D on the market, the Galaxy 4K projector is what you seek.

3D stereo flexibility

Thanks to the projector's 4K resolution, important details are more visible than ever, whether in design models or in layers of geophysical data. With active 3D stereo and active Infitec 3D in 2K resolution, and a stacked setup option that enables passive Infitec 3D in full 4K resolution, you can choose the type of 3D stereo that fits you best.

In for the long haul

With a sealed optical engine and enhanced display chip cooling, Barco's Galaxy 4K series makes sure its core components don't falter over time. In addition, the Galaxy 4K's modular design ensures quick servicing and increases uptime, and its user-friendly interface makes diagnostic and setup operations a breeze. This includes a choice between direct lamp replacement and full lamp house swaps, depending on your needs.

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Product specifications**Galaxy 4K-32**

Digital MicroMirror Device™	3 x 1.38" DC4K dark metal devices
Native resolution	4,096 x 2,160 pixels
Housing	Hermetically sealed DMDs and optical assembly
Lamp	6.5 kW (Xenon lamp)
Light output	33,000 lumens (6.5 kW lamp)
Screen size	Up to 32m / 105 ft wide
Contrast ratio	2,000:1
Digital Video Inputs	2 x single-link DVI input (165MHz)
Control I/O	Ethernet, 8x GPIO, Serial RS232
Prime lenses	Fixed focal 0.9:1 lens for on-axis usage 1.13 - 1.30 zoom lens
Projector diagnostics	via PC touch panel via Communicator control software via SNMP agent
Power requirements	3W+N+PE 230/400V 16A 50-60Hz or 3W+PE 208V 27A 50-60Hz 30,000 BTU/hr (with 6.5kW lamp)
Dimensions	604(H) x 754(W) x 1129(D) mm 23.78(H) x 29.69(W) x 44.45(D) inch NB.: min. 5 cm of air inlet spacing required at the bottom of projector
Weight	141 kg (311 lbs)
Ambient temperature	35°C / 95°F Max.
Exhaust airflow	350 CFM (10 m3/min)
Standard Features	CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lens (focus, zoom & shift) HDCP support Full 2K triple flash 3D Active Infitec capabilities (extra license required) Advanced patented DMD cooling