

iQ G300



PRODUCT SPECIFICATIONS**IQ G300**

Light output	3,500 ANSI lumen
Brightness uniformity	Brightness uniformity: >95 % for the total screen
LCD panels	3 active matrix 1.3" diagonal XGA polysilicon LCD panels with Micro Lens Arrays and a resolution of 1024 x 768 pixels (aspect ratio 4:3). LCD panels are selected for a minimum of pixel defects.
Resolution	1024 x 768 (native)
Lamp	2x 200 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 1500 h/lamp. 1500 hours in Dual Lamp Mode or max. 3000 hours/set in Single Lamp Mode.
Lenses	Fixed focal length lenses are available with a throw ratio of 0.85:1 (very short throw ratio, specially designed for rear screen on-axis projection) or 7.0:1 (long throw). Variable focus lenses with a throw distance of 1.3-1.8,1.9-2.6,3.0-6.0 times the screen width
Screen size	From 1-6 m/3-20 ft.
Contrast	>400 : 1 (full white/full black)
Scan Frequencies	Horizontal 15 kHz -110 kHz Vertical 25 Hz -150 Hz
Features	<ul style="list-style-type: none"> • Advanced picture-in-picture • Seamless switching with effects • Standard cable basket • Standard light shutter • Advanced digital zoom
Compatibility	<p>The IQ G300 is compatible with:</p> <ul style="list-style-type: none"> • All current video sources (PAL,SECAM, NTSC) in Composite, S-VHS, Component or RGB formats • All currently proposed HDTV, extended and improved television standards (1080i, 720p) • All computer graphics formats from VGA, SVGA, XGA, SXGA to UXGA • Most Macintosh computers • Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz • Most computer sources with a pixel clock up to 160 MHz • DVI sources up to SXGA
Inputs	<p>1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video, RGBHV, RGBS, RGsB</p> <p>1x Composite Video (BNC) (up to 7 Composite Video's when using all connectors on top input board)</p> <p>1x S-Video (4-pin mini-DIN) (up to 3 S-Video's when combining BNC's)</p> <p>1x VGA (D15 connector)</p> <p>1x DVI (Digital Visual Interface)</p>
Dimensions (WxLxH)	<p>Projector body with cable basket: 415 mm (Max W) x 195 mm (Max H) x 565 mm (Max D)</p> <p>Projector body without cable basket: 415 mm (Max W) x 195 mm (Max H) x 487 mm (Max D)</p>
Communication	<p>1x D9 connectors for RS232 In/Out</p> <p>1x spherical IR receiver</p>
Noise Level	
AC power	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
Power consumption	Max 520 Watt
Power Dissipation	Max 1775 BTU/h
Safety Regulations	Compliant with UL1950 and EN60950
Electromagnetic Interference	BARCO's IQ G300 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B
Weight	<p>Net weight: Body only 12.9 kg / 28.5 lbs. Shipping weight: • without lens max.17.5 kg / 38.5 lbs. • with lens: max.20 kg / 44 lbs.</p>
Lens Shift	<p>OVD Lenses Motorized V shift: -30% +120%</p> <p>For specific details per lens type: see lens product pages</p>
Network connection	Refer to IQ Pro G300
Seamless Switching	Standard

Last updated: 21 Jan 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.