

iQ G300



Product specifications

IQ G300

General specifications

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	The IQ G300 is compatible with: <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	1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video, RGBHV, RGBS, RGB. 1x Composite Video (BNC) (up to 7 Composite Video's when using all connectors on top input board) 1x S-Video (4-pin mini-DIN) (up to 3 S-Video's when combining BNC's) 1x VGA (D15 connector) 1x DVI (Digital Visual Interface)
Dimensions (WxLxH)	Projector body with cable basket: 415 mm (Max W) x 195 mm (Max H) x 565 mm (Max D) Projector body without cable basket: 415 mm (Max W) x 195 mm (Max H) x 487 mm (Max D)
Communication	1x D9 connectors for RS232 In/Out 1x spherical IR receiver
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	Net weight: Body only 12.9 kg / 28.5 lbs. Shipping weight: <ul style="list-style-type: none">• without lens max.17.5 kg / 38.5 lbs.• with lens: max.20 kg / 44 lbs.
Lens Shift	QVD Lenses Motorized V shift: -30% +120% For specific details per lens type: see lens product pages
Network connection	Refer to IQ Pro G300
Seamless Switching	Standard

Last updated: 09 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.