

# iQ G300



Barco's **iQ G300** with its **advanced picture-in-picture** feature is the first projector that can display up to four scaleable images at the same time on a single screen. Its built-in switcher makes **seamless source switching** a snap, and you get many special transition effects to choose from. Barco's **innovative dual-lamp system** guarantees optimal reliability: the light will never go out during your presentation. This versatile LCD projector with **XGA resolution** delivers an amazing brightness level of **3,500 ANSI lumens**. The iQ Series is the smartest choice for compelling presentations in any venue, from brightly lit boardrooms to larger conference centers.

**BARCO**

Visibly yours

## Product specifications

## iQ G300

<b>Light output</b>	3,500 ANSI lumen
<b>Brightness uniformity</b>	Brightness uniformity: >95 % for the total screen
<b>LCD panels</b>	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.
<b>Resolution</b>	1024 x 768 (native)
<b>Lamp</b>	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.
<b>Lenses</b>	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
<b>Screen size</b>	From 1-6 m/3-20 ft.
<b>Contrast</b>	>400 : 1 (full white/full black)
<b>Scan Frequencies</b>	Horizontal 15 kHz - 110 kHz Vertical 25 Hz - 150 Hz
<b>Features</b>	<ul style="list-style-type: none"><li>• Advanced picture-in-picture</li><li>• Seamless switching with effects</li><li>• Standard cable basket</li><li>• Standard light shutter</li><li>• Advanced digital zoom</li></ul>
<b>Compatibility</b>	The iQ G300 is compatible with: <ul style="list-style-type: none"><li>• All current video sources (PAL,SECAM, NTSC) in Composite, S-VHS, Component or RGB formats</li><li>• All currently proposed HDTV, extended and improved television standards (1080i, 720p)</li><li>• All computer graphics formats from VGA, SVGA, XGA, SXGA to UXGA</li><li>• Most Macintosh computers</li><li>• Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz</li><li>• Most computer sources with a pixel clock up to 160 MHz</li><li>• DVI sources up to SXGA</li></ul>
<b>Inputs</b>	1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video , RGBHV, RGBS, RGBS. 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)
<b>Dimensions (WxLxH)</b>	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)
<b>Communication</b>	1x D9 connectors for RS232 In/Out 1x spherical IR receiver
<b>Noise Level</b>	<37dB
<b>AC power</b>	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
<b>Power consumption</b>	Max 520 Watt
<b>Power Dissipation</b>	Max 1775 BTU/h
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950
<b>Electromagnetic Interference</b>	BARCO's iQ G300 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B
<b>Weight</b>	Net weight: Body only 12.9 kg / 28.5 lbs. Shipping weight: <ul style="list-style-type: none"><li>• without lens max.17.5 kg / 38.5 lbs.</li><li>• with lens: max.20 kg / 44 lbs.</li></ul>

**Product specifications****iQ G300****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