

# iQ G500

XGA, 5,000 lumens LCD projector



**PRODUCT SPECIFICATIONS****IQ G500**

<b>Light output</b>	Full Power Mode: 5,000 ANSI lumens Economy Mode: 3,500 ANSI lumens
<b>Resolution</b>	XGA (1024 x 768)
<b>Brightness uniformity</b>	> 95 % for the total screen
<b>Contrast ratio</b>	> 800:1 (full white/full black)
<b>Display</b>	3 active matrix 1.4" 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>Features</b>	<ul style="list-style-type: none"><li>■ AutoImage</li><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>Picture-in-picture</b>	Up to 4 sources simultaneously (2 data, 1 video and 1 SDI)
<b>Inputs</b>	<ul style="list-style-type: none"><li>■ 1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video, RGBHV, RGBS, RGsB.</li><li>■ 1x Composite Video (BNC) (up to 7 Composite Video's when using all connectors on top input board)</li><li>■ 1x S-Video (4-pin mini-DIN) (up to 3 S-Video's when combining BNC's)</li><li>■ 1x VGA (D15 connector)</li><li>■ 1x DVI (Digital Visual Interface)</li></ul>
<b>Communication</b>	1x D9 connectors for RS232 In/Out 1x spherical IR receiver
<b>Compatibility</b>	<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 60 Hz</li><li>■ Most computer sources with a pixel clock up to 160 MHz</li><li>■ DVI sources up to SXGA+</li></ul>
<b>Input source compatibility</b>	1600 x 1200 (max. input)
<b>Screen size</b>	From 1-6m / 3-20ft.
<b>Scan Frequencies</b>	Horizontal 15kHz -110 kHz Vertical 25 Hz -150 Hz
<b>Network connection</b>	Refer to iQ Pro G500
<b>On board display server</b>	Refer to iQ Pro G500
<b>Ambient temperature</b>	5°C up to 40°C
<b>Lamp</b>	2x 250 Watt UHP lamp, in lamp housing, pre-aligned for max. light efficiency. Typical lamp system lifetime: Full Power Mode: 1,500 hrs (3,000 hrs in single lamp mode) Economy Mode: 3,000 hrs (6,000 hrs 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.(2.5% tolerance)
<b>Lens Shift</b>	Motorized V shift: -30% +110%  For specific details per lens type: see lens product pages
<b>Dust filters</b>	High Quality Microfilter (side removeable)

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Noise Level	< 38dB (Full Power Mode) < 37dB (Economy Mode)
Mains Voltage	90V-255V
Power consumption	Max. 620 Watt
Power Dissipation	Max 2117 BTU/h
AC power	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
Weight	Net weight: Body only 12.9kg / 28.5 lbs. Shipping weight: • without lens: max.17.5 kg / 28.5 lbs. • with lens: max. 20 kg / 44 lbs.
Dimensions	Projector body with cable basket: 415 mm (max. W) x 195 mm (max. H) x 565 (max. D) Projector body without cable basket: 415 mm(max. W) x 195 mm (max. H) x 487 (max. D)
Safety Regulations	Compliant with UL1950 and EN60950
Electromagnetic Interference	Compliant with FCC rules & regulations, part 15 Class B and CE EN55022 Class B

Last updated: 20 Dec 2018

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.