

iQ G350

Barco's advanced picture-in-picture LCD projector with XGA resolution and a brightness of 3,500 ANSI lumens



PRODUCT SPECIFICATIONS**IQ G350**

Light output	3,500 ANSI lumens
Resolution	XGA (1024 x 768)
Brightness uniformity	> 95 % for the total screen
Contrast ratio	> 800:1 (full white/full black)
Display	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.
Features	<ul style="list-style-type: none">▪ AutoImage▪ Advanced picture-in-picture▪ Seamless switching with effects▪ Standard cable basket▪ Standard light shutter▪ Advanced digital zoom
Picture-in-picture	Up to 4 sources simultaneously (2 data, 1 video and 1 SDI)
Inputs	<ul style="list-style-type: none">▪ 1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video, RGBHV, RGBS, RGsB.▪ 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)
Outputs	No output
Communication	1 x D9 connectors for RS232 In/Out 1 x spherical IR receiver
Compatibility	<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+
Input source compatibility	1600 x 1200 (max. input)
Screen size	From 1-6m / 3-20ft.
Scan Frequencies	Horizontal 15kHz -110 kHz Vertical 25 Hz -150 Hz
Network connection	Refer to iQ Pro G350
On board display server	Refer to iQ Pro G350
Ambient temperature	5°C up to 40°C
Lamp	2 x 250 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 3000 h/lamp. 3000 hours in Dual Lamp Mode or max. 6000 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.(2.5% tolerance)
Lens Shift	QVD lenses Motorized V shift: -30% +110% For specific details per lens type: see lens product pages

PRODUCT SPECIFICATIONS**IQ G350**

Lens encoders	Not Applicable
ScenergiX	Not Applicable
Sealed DLP™ core	Not Applicable
Dust filters	High Quality Microfilter (side removeable)
Noise Level	< 37dB
Mains Voltage	90V-255V
Power consumption	Max. 520 Watt
Power Dissipation	Max. 1775 BTU/h
AC power	Power factor pre-regulated SPMS, 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: 21 Jan 2018

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