

# iQ R400



Barco's iQ™ R400 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 **SXGA resolution** delivers an amazing brightness level of **4,000 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 R400**

<b>Light output</b>	4000 ANSI lumens
<b>Brightness uniformity</b>	>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 1366 x 1024 pixels (aspect ratio 4:3). LCD panels are selected for a minimum of pixel defects.
<b>Resolution</b>	1366 x 1024 (native)
<b>Networking</b>	iQ Pro Server Specifications: - Processing Power: Pentium III socket with 1,2 Gigahertz Tualatin Celeron processor - Memory: 256 MB RAM - Storage: 40 GB hard disk - Video memory up to 64 MB - Inputs and outputs  · PCMCIA slot for Wireless LAN cards, memory cards, Bluetooth, input extensions ... · RJ45 connector for Ethernet (10Mb/s) and Fast Ethernet (100Mb/s) · 4 USB connectors · Audio: 3,5 mm jacks for Microphone in, Line in and Line out
<b>Lamp</b>	2x 250 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 1000h/lamp. 1000 hours in Dual Lamp Mode or max. 2000 hours/set in Single Lamp Mode.
<b>Available 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>Recommended Screen Width</b>	From 1-6 m/3-20 ft.
<b>Contrast ratio</b>	>400 : 1 (full white/full black)
<b>Scan Frequencies</b>	Horizontal 15 kHz - 110 kHz Vertical 25 Hz - 150 Hz
<b>Features</b>	· Standard cable basket · Standard light shutter · Advanced digital zoom · Advanced picture-in-picture · Seamless switching with effects
<b>Compatibility</b>	- All video sources (PAL, SECAM, NTSC 3.58, NTSC 4.43) in composite, s-VHS, component - All currently proposed HDTV extended and improved television standards (1080i, 720p...) - All computer graphics formats from VGA, S-VGA, XGA, S-XGA to U-XGA - Most Macintosh computers - Electronic Workstations with a resolution of up to 1600x1200 at 75Hz - Most sources with a pixel clock up to 160MHz - DVI sources up to SXGA
<b>Communication</b>	1x D9 connectors for RS232 In/Out 1x spherical IR receiver
<b>Inputs</b>	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)
<b>AC power</b>	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
<b>Noise Level</b>	<38dB
<b>Power consumption</b>	Max 620 Watt
<b>Power Dissipation</b>	<2117 BTU/h
<b>Weight</b>	Net weight: Body only 12.9 kg/ 28.5 lbs