

# iQ R300



Barco's iQ™ R300 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 **3,300 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 R300**

<b>Light output</b>	3,300 ANSI lumen
<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>Brightness uniformity</b>	Brightness uniformity: >95 % for the total screen
<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>Resolution</b>	1366 x 1024 (native)
<b>Available Lenses</b>	<ul style="list-style-type: none"><li>· 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).</li><li>· Variable focus lenses with a throw distance of 1.3-1.8, 1.9-2.6, 3.0-6.0 times the screen width.</li></ul>
<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>Special Features</b>	<ul style="list-style-type: none"><li>· Standard cable basket</li><li>· Standard light shutter</li><li>· Advanced digital zoom</li><li>· Advanced picture-in-picture</li><li>· Seamless switching with effects</li></ul>
<b>Compatibility</b>	<ul style="list-style-type: none"><li>- All video sources (PAL, SECAM, NTSC 3.58, NTSC 4.43) in composite, s-VHS, component</li><li>- All currently proposed HDTV extended and improved television standards (1080i, 720p...)</li><li>- All computer graphics formats from VGA, S-VGA, XGA, S-XGA to U-XGA</li><li>- Most Macintosh computers</li><li>- Electronic Workstations with a resolution of up to 1600x1200 at 75Hz</li><li>- Most sources with a pixel clock up to 160MHz</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, 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>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>	<1775 BTU/h
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950
<b>Electromagnetic Interference</b>	Compliant 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: without lens max. 17.5 kg / 38.5 lbs with lens max. 20 kg / 44 lbs