

# iQ Pro R300



Barco's iQ™ Pro R300 projector is the first projector on the market which includes a powerful computer processing server for full networking capability and truly wireless presentations.

Display up to 3 source windows simultaneously, thanks to its advanced picture-in-picture functionality. Its built-in switcher makes seamless source switching a snap. Barco's innovative dual-lamp system guarantees optimal reliability: the light will never go out during your presentation.

This revolutionary networked LCD projector with 5-XGA resolution delivers an amazing brightness level of **3,300 ANSI lumens**. The smart projector choice for compelling presentations in any venue, from brightly lit boardrooms to larger conference centers.

**BARCO**

Visibly yours

## Product specifications

## iQ Pro R300

<b>Light output</b>	3,300 ANSI lumen
<b>Brightness uniformity</b>	>95 % for the total screen
<b>Contrast ratio</b>	>400 : 1 (full white/full black)
<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).
<b>Resolution</b>	1366 x 1024 (native)
<b>Networking</b>	iQ Pro Server Specifications: <ul style="list-style-type: none"><li>- Processing Power: Pentium III socket with 1,2 Gigahertz Tualatin Celeron processor</li><li>- Memory: 256 MB RAM</li><li>- Storage: 40 GB hard disk</li><li>- Video memory up to 64 MB</li><li>- Inputs and outputs</li></ul> <ul style="list-style-type: none"><li>· PCMCIA slot for Wireless LAN cards, memory cards, Bluetooth, input extensions ...</li><li>· 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</li></ul>
<b>Features</b>	<ul style="list-style-type: none"><li>■ Advanced picture-in-picture Seamless switching with effects Standard cable basket Standard light shutter Advanced digital zoom</li></ul>
<b>Compatibility</b>	The iQ Pro R300 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 DVI sources up to SXGA</li></ul>
<b>Screen size</b>	From 1-6 m/3-20 ft.
<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>Lamp</b>	2x 200 Watt UHP lamp, in lamp housing 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>Scan Frequencies</b>	Horizontal 15 kHz - 110 kHz Vertical 25 Hz - 150 Hz
<b>Lens Shift</b>	V shift: -30% +120%
<b>Dimensions (WxLxH)</b>	Projector body with cable basket: 415 mm (Max W) x 195 mm (Max H) x 565 mm Projector body without cable basket: 415 mm (Max W) x 195 mm (Max H) x 487 mm (Max D)
<b>Weight</b>	Net weight, body only: 12.9kg/28.5 lbs.
<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 550 Watt

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<b>Power Dissipation</b>	Max 1878 BTU/h
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950
<b>Electromagnetic Interference</b>	BARCO's iQ Pro R300 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B
<b>Seamless Switching</b>	Standard