

# iQ Pro R500

Network-centric, SXGA+, 5,000 lumens LCD projector



Barco's **iQ Pro R500** projector includes a powerful display 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 **SXGA+ resolution** delivers an amazing brightness level of **5,000 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 R500

<b>Light output</b>	5,000 ANSI lumens
<b>Resolution</b>	SXGA+ (1400 x 1050)
<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 SXGA+ polysilicon LCD panels with Micro Lens Arrays and a resolution of 1400 x 1050 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 3 sources simultaneously
<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>	1 x 10/100 Base-T Ethernet
<b>On board display server</b>	Server Specifications: - Processor: Pentium M 1,6 GHz - Memory: 512 MB DDR RAM - Storage: 40 GB hard disk - 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>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)

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<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)
<b>Noise Level</b>	< 38dB
<b>Mains Voltage</b>	90V-255V
<b>Power consumption</b>	Max. 650 Watt
<b>Power Dissipation</b>	Max. 2219 BTU/h
<b>AC power</b>	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
<b>Weight</b>	<b>Net weight:</b> <i>Body only</i> 12.9kg / 28.5 lbs. <b>Shipping weight:</b> · <i>without lens:</i> max.17.5 kg / 28.5 lbs. · <i>with lens:</i> max. 20 kg / 44 lbs.
<b>Dimensions</b>	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)
<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