

iQ R500

SXGA+, 5,000 lumens LCD projector



This product is available for the Chinese market only.

Barco's **iQ R500** 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 **5,000 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 R500

Light output	5,000 ANSI lumens
Resolution	SXGA+ (1400 x 1050)
Brightness uniformity	> 95 % for the total screen
Contrast ratio	> 800:1 (full white/full black)
Display	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.
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)
Communication	1x D9 connectors for RS232 In/Out 1x 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 60 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 R500
On board display server	Refer to iQ Pro R500
Ambient temperature	5°C up to 40°C
Lamp	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)
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	Motorized V shift: -30% +110% For specific details per lens type: see lens product pages
Dust filters	High Quality Microfilter (side removeable)
Noise Level	< 38dB
Mains Voltage	90V-255V
Power consumption	Max. 620 Watt

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Power Dissipation	Max 2300 BTU/h
AC power	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
Weight	Net weight: <i>Body only</i> 12.9kg / 28.5 lbs. Shipping weight: · <i>without lens:</i> max. 17.5 kg / 28.5 lbs. · <i>with lens:</i> 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