

iQ R350

Barco's advanced picture-in-picture LCD projector with SXGA+ resolution and a brightness of 3,500 ANSI lumens



Barco's iQ™ R350 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 **3,500 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 R350**

Light output	3,500 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)
Outputs	No output
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 75 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 R350
On board display server	Refer to iQ Pro R350
Ambient temperature	5°C up to 40°C
Lamp	2x 250 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 3000 h/lamp. 3000 hours in Dual Lamp Mode or max. 6000 hours/set 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	QVD lenses Motorized V shift: -30% +110% For specific details per lens type: see lens product pages
Lens encoders	Not Applicable
ScenergiX	Not Applicable
Sealed DLP™ core	Not Applicable

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Dust filters	High Quality Microfilter (side removeable)
Noise Level	< 37dB
Mains Voltage	90V-255V
Power consumption	Max. 520 Watt
Power Dissipation	Max. 1775 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