

iQ R350

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



PRODUCT SPECIFICATIONS**IQ R350**

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|-----------------------------------|--|
| 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 |

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| Lens encoders | Not Applicable |
| ScenergiX | Not Applicable |
| Sealed DLP™ core | Not Applicable |
| 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: Body only 12.9kg / 28.5 lbs. Shipping weight: • without lens: max.17.5 kg / 28.5 lbs. • with lens: 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 |

Last updated: 21 Jan 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.