

iQ™ 210 LongLife Projectors



Designed for intensive-use applications

The LongLife version of Barco's iQ and iQ Pro Series projectors offers the same functionality but houses special precision components and filters, designed to guarantee a longer lifetime of all critical projector components.

With special 120 W long-life lamps on board, a lamp system lifetime of up to 12,000 hours can be achieved. This way, the time and expense for servicing and maintenance are reduced, which is very important in intensive-use applications, like reception halls with information displays, or intensively used meeting rooms.

Reliable

- Dual lamp design, with vastly extended lamp lifetime
- Robust magnesium housing
- Meticulously designed and carefully selected components

Innovative

- Advanced picture-in-picture to display up to 4 sources simultaneously, freely sizeable and positionable; enables use of the iQ projector for videoconferencing
- Seamless source switching and transition effects

Easy-to-use

- Intuitive user-interface

iQ Pro: the revolutionary networked projector

- Powerful computer server integrated
- Access presentations over LAN straight from the projector
- Wireless LAN, streaming video and Bluetooth ready
- File-sharing enables effective collaborative meetings among remote sites
- Save frequently displayed content on the iQ Pro's internal hard disk
- Remote control and diagnostics of a fleet of projectors

BARCO

Visibly yours

iQ 210 LongLife series specifications

Light output

2000 ANSI lumens
Brightness uniformity: > 95 % for the total screen

LCD panels

3 active matrix 1.4" diagonal polysilicon LCD panels with a resolution of:
• iQ (Pro) G210L: 1024 x 768 pixels
• iQ (Pro) R210L: 1400 x 1050 pixels (both have an aspect ratio of 4:3)
LCD panels are selected for a minimum of pixel defects.

Lamp

2 x 120 Watt UHP lamp, in lamp housing, pre-aligned for max. light output.
Typical lifetime: 6,000 hours/lamp.
6,000 hours in Dual Lamp Mode or max. 12,000 hours in Single Lamp Mode.

Available lenses

Lens Type	Order No.
Motorized Zoom Lenses	
QVD (1.3 – 1.8:1)	R9840950
QVD (1.9 – 2.6:1)	R9840960
QVD (3.0 – 6.0:1)	R9840970
Fixed Focal Length Lenses	
QVD (0.85:1) including rear screen optimization	Ropt1925
QVD (7.0:1)	R9841230

Lens shift range

Max. vertical shift from -30% to +110%

Recommended screen width

From 1-6 m/3-20 ft.

Contrast ratio

> 800 : 1 (full white/full black)

Scan frequencies

Horizontal 15 kHz - 110 kHz
Vertical 25 Hz - 150 Hz

Special Features

- Advanced picture-in-picture
- Seamless source switching with effects
- AUTO-IMAGE
- Standard cable basket
- Standard light shutter
- Advanced digital zoom

AC Power

Power factor pre-regulated SMPS,
90-254 VAC / 50-60Hz

Noise level

< 37dB

Communication

1x D9 connectors for RS232 In/Out
1x spherical IR receiver
1x mini-jack for wired remote

for iQ Pro G210L and iQ Pro R210L only:

- 4 x USB
- RJ45 for 10/100-BaseT LAN connection
- PCMCIA slot (Type II) for PC Cards (e.g. Wireless LAN, Bluetooth, ISDN, Memory Sticks)

Integrated server platform

(on iQ Pro G210 and iQ Pro R210 only)

- Upgradeable Pentium III socket
- 1.2 GHz processor
- 256 MB RAM
- 40 GB Hard Disk
- Microsoft™ XP Multi-language OS installed
- Barco server software for network communication between iQ Pro server and clients

Compatibility

The LongLife version of iQ and iQ Pro projectors is compatible with:

- 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, S-VGA, XGA, S-XGA to U-XGA (75 Hz)
- Most Macintosh computers
- Electronic workstations with a resolution up to 1600 x1200 pixels / 75 Hz
- Most sources with a pixel clock up to 160 MHz
- DVI sources up to SXGA+

Inputs

1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video, RGBHV, RGBS, RGsB.
1x Composite Video (BNC) (up to 7 composite video sources 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)

Max. power consumption

iQ G210L & iQ R210L: 350 Watt
iQ Pro G210L & Pro R210L: 380 Watt

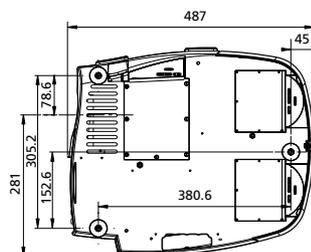
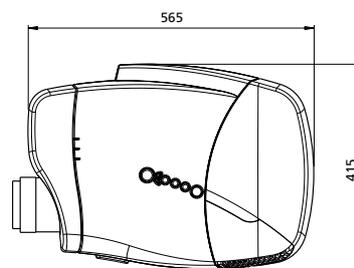
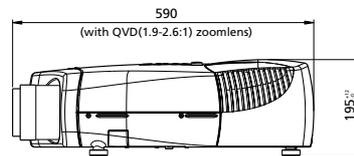
Max. power dissipation

iQ G210L & iQ R210L: 1195 BTU/h
iQ Pro G210L & Pro R210L: 1297 BTU/h

Net Weight

Body only 12.9 kg / 28.5 lbs..
Shipping weight:
• without lens max. 17.5 kg / 38.5 lbs.
• with lens max. 20 kg / 44 lbs.

Dimensions (in mm)



Order information

Barco iQ G210L	R9010190
Barco iQ R210L	R9010150
Barco iQ Pro G210L	R9010200
Barco iQ Pro R210L	R9010230
Lamp 120 Watt	R9841771
Dual Lamp Package	R9841770
Ceiling Mount	R9841250
Ceiling Mount Bar Short	R9841260
Ceiling Mount Bar Long	R9841261
Flight Case	R9841300

Optional boards (mutually exclusive)

<i>only for iQ G210L and iQ R210L:</i>	
SDI input board	R9841320
Audio Switching & Video Input board	R9841330
Factory fitted SDI board	Ropt1857
Factory fitted Audio & Video board	Ropt1858

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