



iQ™ 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
- Robust magnesium housing
- Meticulously designed and carefully selected components

Innovative

- Advanced picture-in-picture (2 data / 1 video)
- Seamless source switching and transition effects

Easy-to-Use

- Intuitive user-interface

iQ™ Pro: the Revolutionary Networked Projector

- Powerful computer server integrated
- Present over wired or wireless LAN
- Streaming video and Bluetooth ready
- Make collaborative meetings easier and more effective
- Enjoy effective virtual 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

iQ LongLife Projector Specifications

Light Output

iQ (Pro) G200L: 2000 ANSI lumens
iQ (Pro) R200L: 1800 ANSI lumens
Brightness uniformity: >95 % for the total screen

LCD Panels

3 active matrix 1.3" diagonal polysilicon LCD panels with Micro Lens Arrays and a resolution of:
iQ (Pro) G200L: 1024 x 768 pixels
iQ (Pro) R200L: 1366 x 1024 pixels (both have an aspect ratio of 4:3)
LCD panels are selected for a minimum of pixel defects.

Lamp

2x 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/set in Single Lamp Mode.

Available Lenses

Lens Type	Order No.
Motorized Zoom Lenses	
SVD (2.0 - 2.5:1)	R9841240
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)	R9841220
QVD (7.0:1)	R9841230

Recommended Screen Width

From 1-6 m/3-20 ft.

Contrast Ratio

>400 : 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
- Standard cable basket
- Standard light shutter
- Advanced digital zoom

AC Power

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

BarcoProjection - Intelligent Displays
Noordlaan5 - 8520 Kuurne - Belgium
Fax (32) (56) 36-8651
E-mail: info.presentations@barco.com

BarcoProjection
3240 Town Point Drive
Kennesaw, GA 30144
Phone 770-218-3200 Fax 770-218-3250
E-mail: BPSmarketing@barco.com

www.presentations.barco.com

Communication

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

for iQ Pro G200L and iQ Pro R200L 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)

Server platform (on iQ Pro G200L and iQ Pro R200L only)

- Upgradeable Pentium III socket
- 1.2 GHz processor
- 256 MB RAM
- 10 GB Hard Disk
- Microsoft™ XP 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)
- Most sources with a pixel clock up to 160 MHz
- All computer graphics formats from VGA, S-VGA, XGA, S-XGA and U-XGA (75 Hz)
- Most Macintosh computers
- Electronic workstations with a resolution up to 1600 x 1200 pixels / 75 Hz
- 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'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)

Max. Power Consumption

iQ G200L & iQ R200L: 350 W
iQ Pro G200L & Pro R200L: 380 W

Max. Power Dissipation

iQ G200L & iQ R200L: 1195 BTU/h
iQ Pro G200L & Pro R200L: 1297 BTU/h

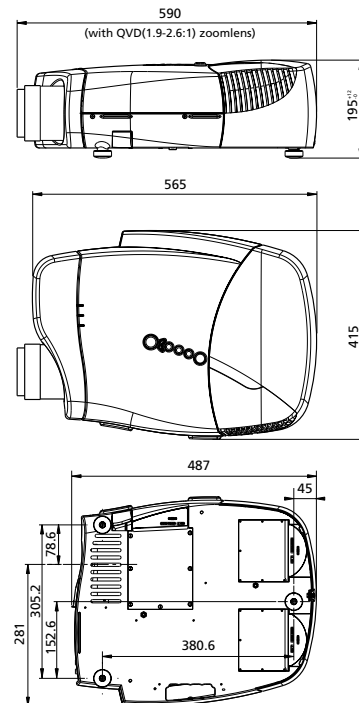
Noise Level

<37dB

Weight

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 G200L	R9002890
BARCO iQ R200L	R9002900
BARCO iQ Pro G200L	R9002710
BARCO iQ Pro R200L	R9002740
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) only for iQ G200L and iQ R200L:

SDI input board	R9841320
Audio Switching & Video Input board	R9841330
Factory fitted SDI board	Ropt1857
Factory fitted Audio & Video board	Ropt1858



BARCO Projection Systems is an ISO 9001 registered company.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

The latest version of this product sheet can be found on www.presentations.barco.com