



iQ™ PRAXIS G300

The Projector You Tailor To Your Needs

Barco's iQ PRAXIS G300 projector can be fully tailored to meet your requirements and budget. Based on your presentation needs, you can choose out of a set of individual options (like advanced picture-in-picture, seamless source switching, logo storage etc) or application specific Value Packs. This versatile LCD projector with XGA 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.

- Smart dual-lamp design
- Superb image quality and color accuracy
- Click-and-play lenses and shutter functionality
- Attractive magnesium chassis, with convenient cable basket

The iQ PRAXIS G300 further offers the option of choosing features based on your specific application. Select the options you need:

- Seamless switching with transition effects
- Picture-in-Picture
- Logo storage
- Video selector

In addition to the selectable options, a number of application specific Value Packs are available:

Value Packs	Picture -in-picture	Seamless source switching	Logo storage	Video selector	Audio & Video input board
'Video Conference' Pack	•		•	•	•
'Collaborative Working' Pack	•		•	•	
'Professional Presentation' Pack		•	•	•	

iQ PRAXIS G300 Specifications

Light Output

3500 ANSI lumen
 Brightness uniformity: >95 % for the total screen

LCD Panels

3 active matrix 1.3" diagonal XGA polysilicon LCD panels with Micro Lens Arrays and a resolution of 1024 x 768 pixels (aspect ratio 4:3). LCD panels are selected for a minimum of pixel defects.

Lamp

2x 200 Watt UHP lamp, in lamp housing, pre-aligned for max. light output.

Typical lifetime: 1500 h/lamp.
 1500 hours in Dual Lamp Mode or max. 3000 hours/set in Single Lamp Mode.

Available 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

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

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Special Features

- Intelligent dual-lamp system
- Standard cable basket
- Standard light shutter

Compatibility

The iQ PRAXIS G300 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 to U-XGA (75 Hz)
- Most Macintosh computers
- Electronic workstations with a resolution up to 1600 x 1200 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'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

Noise Level

<37dB

AC Power

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

Power Consumption

Max 520 Watt

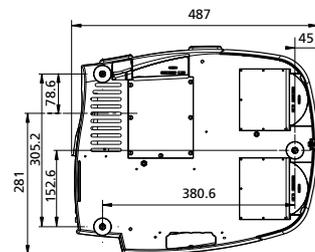
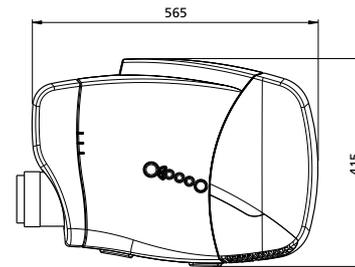
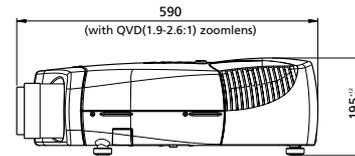
Power Dissipation

<1775 BTU/h

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 PRAXIS G300	R9002705
Lamp 200 Watt	R9841111
Dual Lamp Package	R9841100
Ceiling Mount	R9841250
Ceiling Mount Bar Short	R9841260
Ceiling Mount Bar Long	R9841261
Flight Case	R9841300

Optional Boards:

SDI Input board	R9841320
Audio Switcher & Video Input board	R9841330

Optional Features:

Logo storage	R9841780
Video Selector	R9841781
Seamless source switching with transition effects	R9841782
Picture-in-Picture	R9841783

Optional Value Packs:

'Video Conference'	R9841784
'Collaborative Working'	R9841785
'Professional Presentation'	R9841786



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

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