

# iQ Pro G300



Barco's iQ™ Pro G300 projector is the first projector on the market which includes a powerful computer processing server for **full networking capability** and **truly wireless presentations**.

Display up to 3 source windows simultaneously, thanks to its advanced picture-in-picture functionality.

Its built-in switcher makes **seamless source switching** a snap.

Barco's **innovative dual-lamp system** guarantees optimal reliability: the light will never go out during your presentation. This revolutionary networked LCD projector with **XGA resolution** delivers an amazing brightness level of **3,500 ANSI lumens**. The smart projector choice for compelling presentations in any venue, from brightly lit boardrooms to larger conference centers.

**BARCO**

Visibly yours

## Product specifications

## iQ Pro G300

|                              |   |
|------------------------------|---|
| <b>Light output</b>          | 3,500 ANSI lumen  |
| <b>Brightness uniformity</b> | >95 % for the total screen  |
| <b>Contrast ratio</b>        | >400 : 1 (full white/full black)  |
| <b>LCD panels</b>            | 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).   |
| <b>Resolution</b>            | 1024 x 768 (native)   |
| <b>Networking</b>            | iQ Pro Server Specifications: <ul style="list-style-type: none"><li>- Processing Power: Pentium III socket with 1,2 Gigahertz Tualatin Celeron processor</li><li>- Memory: 256 MB RAM</li><li>- Storage: 40 GB hard disk</li><li>- Video memory up to 64 MB</li><li>- Inputs and outputs</li></ul> <ul style="list-style-type: none"><li>· PCMCIA slot for Wireless LAN cards, memory cards, Bluetooth, input extensions ...</li><li>· RJ45connector for Ethernet (10Mb/s) and Fast Ethernet (100Mb/s)</li><li>· 4 USB connectors</li><li>· Audio: 3,5 mm jacks for Microphone in, Line in and Line out</li></ul> |
| <b>Features</b>              | <ul style="list-style-type: none"><li>■ Advanced picture-in-picture</li><li>■ Seamless switching with effects</li><li>■ Standard cable basket</li><li>■ Standard light shutter</li><li>■ Advanced digital zoom</li></ul>  |
| <b>Compatibility</b>         | The iQ Pro G300 is compatible with: <ul style="list-style-type: none"><li>· All current video sources (PAL,SECAM, NTSC) in Composite, S-VHS, Component or RGB formats</li><li>· All currently proposed HDTV, extended and improved television standards (1080i, 720p)</li><li>· All computer graphics formats from VGA, SVGA, XGA, SXGA to UXGA</li><li>· Most Macintosh computers</li><li>· Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz</li><li>· Most computer sources with a pixel clock up to 160 MHz</li><li>· DVI sources up to SXGA</li></ul>                              |
| <b>Screen size</b>           | From 1-6 m/3-20 ft.   |
| <b>Inputs</b>                | 1x Configurable 5-Wire (BNC) for:<br>Composite Video, S-Video, Component Video , RGBHV, RGBS, RGSB.<br>1x Composite Video (BNC) (up to 7 Composite Video's when using all connectors on top input board)<br>1x S-Video (4-pin mini-DIN) (up to 3 S-Video's when combining BNC's)<br>1x VGA (D15 connector)<br>1x DVI (Digital Visual Interface)   |
| <b>Lamp</b>                  | 2x 200 Watt UHP lamp, in lamp housing<br>Typical lifetime: 1500 h/lamp.<br>1500 hours in Dual Lamp Mode or max. 3000 hours/set in Single Lamp Mode.   |
| <b>Lenses</b>                | 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).<br><br>Variable focus lenses with a throw distance of 1.3-1.8,1.9-2.6, 3.0-6.0 times the screen width   |
| <b>Scan Frequencies</b>      | Horizontal 15 kHz - 110 kHz<br>Vertical 25 Hz - 150 Hz  |
| <b>Lens Shift</b>            | QVD Lenses<br>Motorized V shift: -30% +120%<br><br>For specific details per lens type: see lens product pages   |

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|                                     |   |
|-------------------------------------|---|
| <b>Dimensions (WxLxH)</b>           | Projector body with cable basket: 415 mm (Max W) x 195 mm (Max H) x 565 mm (Max D)<br>Projector body without cable basket: 415 mm (Max W) x 195 mm (Max H) x 487 mm (Max D) |
| <b>Weight</b>                       | Net weight, body only: 12.9kg/28.5 lbs.   |
| <b>Communication</b>                | 1x D9 connectors for RS232 In/Out<br>1x spherical IR receiver   |
| <b>Noise Level</b>                  | <37dB   |
| <b>AC power</b>                     | Power factor pre-regulated SMPS,<br>90-254 VAC / 50-60Hz  |
| <b>Power consumption</b>            | Max 550 Watt  |
| <b>Power Dissipation</b>            | Max 1878 BTU/h  |
| <b>Safety Regulations</b>           | Compliant with UL1950 and EN60950   |
| <b>Electromagnetic Interference</b> | BARCO's iQ Pro G300 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B   |
| <b>Seamless Switching</b>           | Standard  |