

iD R600

The smartest and brightest single-chip DLP projector



High brightness and high-resolution, combined with the robustness of a DLP solution, turn the iD R600 into the perfect solution for intensive use applications in bright environments such as hotels, museums, corporate imaging applications, boardrooms, conference centers, casinos, ...

This 6,000 ANSI lumen DLP projector generates a bright, true color, SXGA+ video image on a 4:3 canvas, with a contrast ratio of more than 1500:1, resulting in the projection of high quality video and data images.

The advanced picture-in-picture functionality for displaying multiple sources, both video and data, ensures the flexibility to show multiple windows next to one another. If your application specifically needs a multi-screen setup, Barco can offer you tailor-made solutions that are far more cost-competitive.

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Product specifications

iD R600

Light output	6,000 ANSI lumens in dual lamp mode
Resolution	SXGA+ (1400 x 1050)
Brightness uniformity	> 95 % for the total screen
Contrast ratio	2,000 : 1 (full white/full black)
Display	1-chip 0.95" DarkChip3™ DLP™ SXGA+ panel, with a native resolution of 1400 x 1050 pixels, 4:3 aspect ratio
Features	<ul style="list-style-type: none">■ AutoImage■ Advanced picture-in-picture■ Seamless switching with effects■ Standard cable basket
Picture-in-picture	Up to 4 sources simultaneously (2 data, 1 video and 1 SDI)
Inputs	<ul style="list-style-type: none">■ 1x Component Video, RGBHV, RGBS or RGSB (5 BNC)■ 1x Composite Video (BNC)■ 1x S-Video (4-pin mini-DIN)■ 1x VGA (D15 connector)■ 1x DVI (Digital Visual Interface)■ 1x SDI optional
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 iD Pro R600
On board display server	Refer to iD Pro R600
Ambient temperature	5°C up to 40°C
Lamp	2 x 250 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 1,500 h/lamp. 1,500 hours in Dual Lamp Mode or 3,000 hours in Single Lamp Mode.
Lenses	Fixed focal length lens with a throw ratio of 0.8:1 Variable focal length lenses with a throw distance of 1.1-1.3, 1.2-1.6, 1.6-2.4, 2.4-4.3 times the screen width
Lens Shift	Motorized V shift: -30% +110% For specific details per lens type: see lens product pages
Lens encoders	Not Applicable
ScenergiX	Not Applicable
Sealed DLP™ core	Not Applicable
Dust filters	High Quality Microfilter (side removeable)
Noise Level	< 39 dB
Mains Voltage	90V-255V
Power consumption	Max. 680 Watt
Power Dissipation	Max. 2400 BTU/hour

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AC power	Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz
Weight	Net weight: <i>body only:</i> 12.9 kg/28.5 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 15Class B, CE EN55022 Class B and CCC