

BarcoReality SIM 6 Ultra MM

Passive Stereo Ready 1600 x 1200 Native Projector



Product specifications

BARCOREALITY SIM 6 ULTRA MM

General specifications

Light output	2,000 Stereo lumens 3,000 ANSI lumens (non stereo optimized) Brightness uniformity: >85% for the total screen
LCD panels	3 active matrix 1.8" diagonal UXGA polysilicon LCD panels with Micro Lens Arrays and a resolution of 1604 x 1204 pixels (aspect ratio 4:3)
Lamp	600 Watt metal-halide arc lamp
Lenses	-Fixed focal length lenses are available with a throw ratio of 1.27, 2.5 or 7.0:1 -Variable focus lenses with a throw distance of 1.4-2.0, 2.1-3.0, 3.4-4.5 or 4.5-6.0 times the screen width -Lenses with a very short throw ratio of 0.8:1, specially designed for rear-screen on-axis projection
Screen Width	From 1-6m/3-20 ft., except for the QGD (0.86:1) lens
Contrast ratio	>700:1 (full white/full black)
Scan Frequencies	Horizontal 15 kHz -115 kHz Vertical 25 Hz -150 Hz
Compatibility	-All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats -All currently proposed HDTV, extended and improved television standards (108i, 720p) -All computer graphics formats from VGA to QXGA -Most Macintosh computers -Electronic workstations with a resolution up to 2048 x 1536 pixels / 60 Hz -Most sources with a pixel clock up to 220 MHz -DVI sources up to UXGA
Inputs/Outputs	-1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video and RGB -1x 5-Wire (BNC) for RGB -1x Video (BNC or RCA) -1x S-Video (BNC or 4-pin mini-DIN) -1x DVI (Digital Visual Interface) -1x Serial Digital Input/Output (SDI) Optional: -1x HD-Serial Digital Input/Output
Weight	Net (Body only) 17.7 kg / 39.0 lbs. Shipping weight (max.) 29.0 kg / 63.9 lbs.
Communication	-2x D9 connectors for RS232 In/Out -1x 10Base-T Ethernet connector for network option -1x Mini-jack for wired remote control -2x IR receivers (front + back)
Special Features	-Picture-In-Picture (one data and one videosource) -Seamless switching and transition effects (box in/out, curtains, etc.) -Easy upload of logoscreen -Blanking and keystone correction -Enhanced color uniformity
AC power	Power factor pre-regulated SMPS, 95-230 VAC +/-10% / 50-60Hz
Power consumption	900 Watt Power dissipation < 3.075 BTU/h
Noise Level	< 39 dBA (1m)
Safety Regulations	Compliant with UL1950 and EN60950
Electromagnetic Interference	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
Resolution	1600 x 1200 pixels

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