



SIRIO

2014 Edition

Technical Specifications

www.sim2.com/home/en/content/sirio-prod-en

NEW FEATURES:

- Increased brightness: up to 7,000 ANSI Lumens
- Full remote IP management
- Auto calibration via high precision probe
- Customized calibration as per customer needs

Engineered to be used with large screen sizes or where high light output is a necessity, SIRIO 2014 uses light-tuned optical elements to maximize light output (up to 7,000 ANSI lumens) from its dual 350W lamps. SIRIO 2014 features a professional probe interfaced with the projector's built-in processing electronics that allows (through refined feedback algorithms) a real time reaction to the environmental conditions. SIRIO comes with SIM2's Perfect Fit technology: Zoom and focus positioning can be stored for different picture formats, from standard 16:9 to 2.40:1 aspect ratio, plus one user setting. The SIRIO has a comprehensive choice of connection options on-board an RJ-45 connector (Ethernet or LAN) and a USB port hosting a dedicated USB-Wireless adapter. These control ports allow: a) easy integration with Home Automation control systems that use IP addressable control; b) Projector control by IP and; c) remote monitoring and serviceability. The SIRIO is available in a striking matte black finish cabinet (MB), with easy access for lamp maintenance.

TYPICAL APPLICATIONS

Medium/large media rooms and family/games room with ambient light.



DISPLAY

Technology: single-chip DMD
Resolution: Full-HD - 1920 x 1080 pixels
Light source: 2 x 350W UHP lamp
3D features and SIM2's PureAction 2D/3D and PureMovie 2D technologies
Perfect Fit Technology
DynamicBlack™ Technology enhanced solution
BrilliantColor™ Technology
Color Wheel: SIM2Shine
Contrast ratio (Full ON/ Full OFF): >8,000:1
Brightness⁽¹⁾: up to 7,000 Ansi Lumens

INSTALLATION

Lens options (throw ratio): 1.45-1.93:1 (standard); 0.77:1; 1.21-1.45:1; 1.93-3.67:1; 3.67-6.97:1 (optional)
Optical shift: Motorized with memory, Vertical up to +60%, down -20% max. from screen center (based on image height), horizontal +/-10%
Digital Keystone: Vertical
Picture size (inches diagonal): 50-300
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, Panoramic, pixel-to-pixel, subtitle + 3 custom-user adjustments

ELECTRONICS AND CONNECTIVITY

Horizontal & Vertical scan freq.: 15-80 kHz/48-120 Hz
Color System: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3.58; NTSC 4.43;
PC graphic standards and HDTV: VGA, SVGA, XGA, SXGA, UXGA, WUXGA; SDTV: 480i/p, 576i/p; HDTV: 720p 50/60, 1080i 50/60, 1080p 24/50/60 + 576p

GENERAL SPECIFICATIONS

Software control: upgradable via RS-232 serial interface, USB or LAN
Power supply: 100-240 VAC +/-10% (48/62 Hz)
Power consumption: 1100W
Projector weight: 28 kg. / 62 lbs
Projector dimensions (WxHxD): 464 x 241 x 564 mm (18.3"x9.5"x22.2")

INPUTS/OUTPUTS

2x HDMI (v.1.4 with Deep Color)
 1x Composite Video (RCA)
 1x Graphic RGBHV (D-sub HD15 pins)
 1x RS-232 (D-sub 9 pins)
 1x USB (A type) socket for USB to Wi-Fi adapter
 1x LAN (RJ45 ethernet port)
 3D Sync Out
 3x 12V 100mA output

SUPPLIED ACCESSORIES

Installation and user manual, AC power cords (2m-6.6 ft); backlit remote control and batteries
 High Precision Probe
 RS-232 Adapter cable; USB Wi-fi adapter
 Live Colors Calibration software 2.0

⁽¹⁾ ANSI Lumens specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer's projectors. Measurements are taken in a totally dark test room with brand new lamp at full power, lamp's native white color temperature, internal test pattern (full white) and in compliance with ANSI IT7.228-1997 specification.

PRODUCT NAME ⁽²⁾	EAN CODE
SIRIO-SMB	8025581006533

⁽²⁾ Product name = pj model + cabinet color

LENSES ⁽²⁾	EAN CODE
LENS-M0	8025581006601
LENS-M1	8025581006618
LENS-M2	8025581006625
LENS-M3	8025581006632
LENS-M4	8025581006649



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OPTIONAL ACCESSORIES



SIM2 VISUS Active glasses
(4 pcs.) + emitter⁽¹⁾
RF - EAN code 8025581006502



PANAMORPH Anamorphic lens systems⁽¹⁾
Static - EAN code 8025581006564
Motorized⁽²⁾ - EAN code 8025581006571



High Quality ISCO Anamorphic lens systems⁽¹⁾
Static - EAN code 8025581006588
Motorized⁽²⁾ - EAN code 8025581006595

⁽¹⁾ A SIM2 3D emitter and glasses pack is required to initiate 3D feature

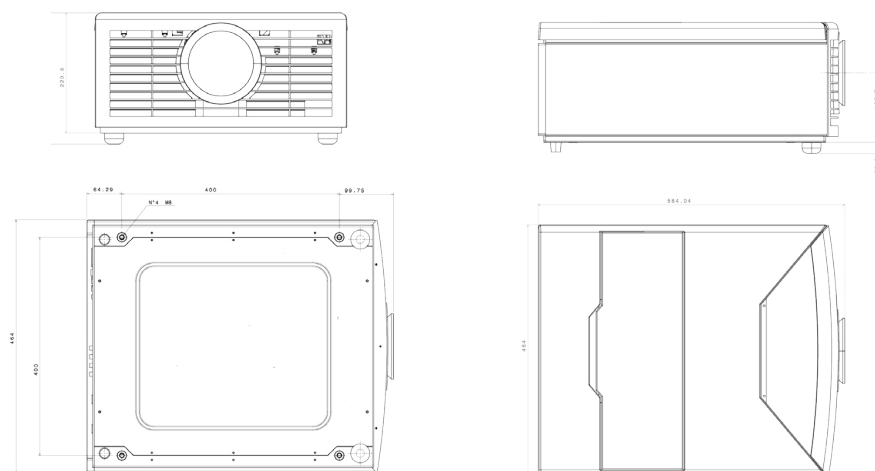
⁽¹⁾ PANAMORPH and ISCO systems include an integrated ceiling bracket for projector, lens and ⁽²⁾ motorized sled.
Please verify throw ratio and projector distance when ordering.

CHOICE OF DIFFERENT LENS OPTIONS FOR FLEXIBILITY IN INSTALLATIONS (16:9 aspect ratio)

Diagonal screen size	LENS M0	LENS M1 (1.21-1.45:1)		LENS M2 (1.45-1.93:1)		LENS M3 (1.93-3.67:1)		LENS M4 (3.67-6.97:1)	
	(0.77:1)	min.	max.	min.	max.	min.	max.	min.	max.
100"	1.8 m / 5' 11"	2.7 m / 8' 10"	3.2 m / 10' 6"	3.3 m / 10' 10"	4.2 m / 13' 9"	4.3 m / 14' 1"	8.1 m / 26' 7"	8.2 m / 26' 11"	15.4 m / 50' 6"
120"	2.1 m / 6' 11"	3.3 m / 10' 10"	3.8 m / 12' 6"	3.9 m / 12' 10"	5.1 m / 16' 9"	5.2 m / 17' 1"	9.7 m / 31' 10"	9.8 m / 32' 2"	18.5 m / 60' 8"
150"	2.6 m / 8' 6"	4.1 m / 13' 4"	4.8 m / 15' 9"	4.9 m / 16' 1"	6.4 m / 21' "	6.5 m / 21' 4"	12.1 m / 39' 8"	12.2 m / 40' "	23.1 m / 75' 9"
180"	3.1 m / 10' 2"	4.9 m / 13' 5"	5.7 m / 18' 8"	5.8 m / 19' 0"	7.6 m / 24' 11"	7.7 m / 25' 3"	14.6 m / 47' 11"	14.7 m / 48' 3"	27.7 m / 90' 11"
200"	3.5 m / 11' 6"	5.4 m / 17' 9"	6.4 m / 21' "	6.5 m / 21' 4"	8.5 m / 27' 11"	8.6 m / 28' 3"	16.2 m / 53' 2"	16.3 m / 53' 6"	30.8 m / 101' 1"
220"	3.8 m / 12' 6"	5.9 m / 19' 4"	7.0 m / 23' "	7.1 m / 23' 4"	9.3 m / 30' 6"	9.4 m / 30' 10"	17.8 m / 58' 5"	17.9 m / 58' 9"	33.9 m / 111' 3"
250"	4.3 m / 14' 1"	6.7 m / 22' "	8.0 m / 26' 3"	8.1 m / 26' 7"	10.6 m / 34' 9"	10.7 m / 35' 1"	20.3 m / 66' 7"	20.4 m / 66' 11"	38.5 m / 126' 4"
280"	4.8 m / 15' 9"	7.6 m / 24' 11"	8.9 m / 29' 2"	9.0 m / 29' 6"	11.9 m / 39' "	12.0 m / 39' 4"	22.7 m / 74' 6"	22.8 m / 74' 10"	43.2 m / 141' 9"
300"	5.2 m / 17' 1"	8.1 m / 26' 7"	9.6 m / 31' 6"	9.7 m / 31' 10"	12.8 m / 42' "	12.9 m / 42' 4"	24.3 m / 79' 9"	24.4 m / 80' 1"	46.2 m / 151' 7"

Throw distance: It is recommended not to use the minimum or maximum projector throw ratios for your installation. Accurate positioning of the projector is better achieved by avoiding these two extremes. // Due to constant product development, the calculated projection distance and value may have a margin of error. Please check with your SIM2 representative prior to placing the order.

PROJECTOR'S DIMENSIONS - MEASURES = MM (INCHES)



we work for excellence

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