

CRYSTAL CUBE

Preliminary Technical Specifications

SIM2 CRYSTAL CUBE projector is the perfect combination of compact size, high performance, and extreme elegance. The CRYSTAL CUBE utilizes Full HD 1080p DLP® chipset from Texas Instruments, top-notch processing, and 3D⁽¹⁾ technology for a smoother, natural, and fatigue-free 3D viewing experience. A 190W lamp provides up to 2500 lumens of light output.

The CRYSTAL models feature a typically stylish 'made-in-Italy' design enriched by a luxurious crystal finish by designer Giorgio Revoldini. Available in Black or White Crystal-glass.

TYPICAL APPLICATION

Ideally suited to small/medium media rooms and family/game rooms with moderate ambient light.

SINGLE-CHIP DLP
FULL HD
(1080p)

3D
ACTIVE
TECHNOLOGY

COLOR WHEEL
6-segments
(RGBCMY)

2,500
ANSI
LUMENS

9 KG
(19.8 lbs)
PROJECTOR
WEIGHT

DISPLAY

Technology: 1 x 0.65" DMD
Resolution: Full-HD - 1920 x 1080 pixels
3D features⁽¹⁾
Color Wheel: 6-segments (RGBCMY)
Light source: 190W UHP lamp (dimmable 160W)
Brightness⁽¹⁾: up to 2,500 Ansi Lumen (in 2D mode)

INSTALLATION

Lens throw ratio: 1.377-2.067:1
Digital Keystone: Vertical +/-40 degree
Picture size (inches diagonal): 50-180
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox

ELECTRONICS AND CONNECTIVITY

Horiz. scan freq.: 2D 15, 30-91.4 kHz; 3D 101.6 KHz
Vertic. scan freq.: 2D 24-30 Hz / 47/120 Hz;
Color System: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3.58; NTSC 4.43; **PC graphic standards:** VGA, SVGA, XGA, SXGA, UXGA, WUXGA; **SDTV:** 480i/p, 576i/p; **HDTV:** 720p, 1080i, 1080p

INPUTS/OUTPUTS

2x HDMI (v.1.4 with Deep Color)
1x S-Video (miniDIN 4 pin)
1x Composite Video (RCA)
1x Graphic RGBHV (D-sub HD15 pins)
1x Component - YCbCr/RGBs (RCA)
1x RS-232 (D-sub 9 pins)
1x miniUSB (B type - Service)
1x USB (A type - power only)
1x 3D Sync Out
2x PC Audio In / Video Audio R/L (RCA)
2x Audio In/Out (RCA)
1x 12V 100mA output

GENERAL SPECIFICATIONS

Software control: upgradable via RS-232 serial interface or USB
Power supply: 100-240 VAC +/-10%
Power consumption: max. 240W
Projector weight: 9 kg. / 19.8 lbs
Projector dimensions (WxHxD): 315 x 190 x 315 mm (12.4" x 7.5" x 12.4")
Projector shipping weight: 12.5 Kg. / 26.5 lbs.
Projector packaging dimensions (WxHxD): 420 x 280 x 420 (16.5" x 11" x 16.5")

STANDARD ACCESSORIES

Installation and user manual, AC power cords (1.8 m-5' 11"); Remote control and batteries
1x HDMI-HDMI video cable

CABINET COLOR OPTIONS

- Crystal - Black (BG)
- Crystal - White (WG)

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

⁽¹⁾ ANSI Lumen 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.

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OPTIONAL ACCESSORIES



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



SIM2 VISUS Luxury Box
8 additional Active glasses
RF - EAN code 8025581006526



SIM2 VISUS SYSTEM Luxury Box
7 Active glasses + emitter
RF - EAN code 8025581006519



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



Universal Ceiling bracket
EAN code 8025581006441

^(*) 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.

Diagonal screen size (16:9 aspect ratio)	1.377 - 2.067:1	
	min.	max.
50"	1.5 m / 4' 11"	2.3 m / 7' 7"
80"	2.5 m / 8' 2"	3.7 m / 12' 2"
100"	3 m / 9' 10"	4.6 m / 15' 1"
120"	3.7 m / 12' 2"	5.5 m / 18' 1"
150"	4.6 m / 15' 1"	6.9 m / 22' 8"
180"	5.5 m / 18' 1"	8.2 m / 26' 11"

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..



we work for excellence

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