

# SIM2 D80 PROJECTOR

## Full HD - 1080p resolution



### key points

- **New 0,95" 1080p DLP® chipset by Texas Instruments**
- **1920x1080 pixel HDTV resolution**
- **Optimum contrast (>4000:1) and black level detail**
- **Future-proof input: HDMI™- HDCP**
- **160W lamp**
- **New 7-segment color wheel**
- **Built-in deinterlaced and video enhancer**
- **Proprietary SIM2 ALPHA PATH™ light engine**

In true SIM2 style, the D80 projector is synonymous with cutting-edge technology!

SIM2's premier D80 projector features Texas Instruments' 0,95" 1080p DLP® chipset for a true, uncompressed 1920x1080 HDTV resolution. The new chipset coupled with full 10 bit video processing, SIM2's ALPHA PATH™ light engine and software, give the D80 projector an extra shine, resulting in a new level of cinematic realism in single chip projection.

A combination of SIM2's new proprietary light engine and the 7-segment color wheel ensures that the D80 delivers a true contrast ratio of >4000:1 and accurate color rendition: reds, greens and blues are rich saturated and vibrant colors for a film-like image. And, on-board video processing prevents the introduction of motion artifacts and jagged edges.

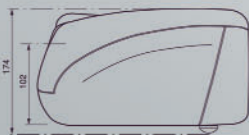
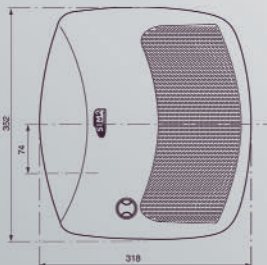
Also, the D80 features a wide selection of inputs - including HDMI™ and is compatible with all video and graphic standard. HDMI™ is a purely digital connection that transmits the uncompressed bitstream directly from the source through to the display.

The D80 projector is available in either Matte Black or Matte White cabinet color.



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## Technical Specifications



### LIGHT ENGINE

Technology: 1 chip DMD 0,95" 1080p DarkChip3™

Resolution: 1920 x 1080 pixels

Lens: High quality, high resolution optics with both motorized zoom and focus adj.

Color Wheel: 7 segment (RGBRGB+NDF Neutral Density Filter)

Lamp power & life time\*: 160W, 4000 hours

### INSTALLATION

Throw ratio: 1,5-2,0:1

Lens shift: V+/-33%

Digital keystone adjustment: V+/-18°

Picture size (inches diagonal): 50-200

Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

### ELECTRONICS

Horizontal & vertical scan freq.: 15-80kHz/48-100Hz

Video & Graphic standards: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3,58; NTSC 4,43 automatically selected;

HDTV: ATSC (480p, 720p, 1080i, 1080p);

576p + 1080i 50Hz

PC graphic: VGA, SVGA, XGA, SXGA, UXGA

Contrast ratio (Full ON/ Full OFF): >4000:1

Format Board: 10 Bit

Video processor: built in

Special video adjustments: Memories/Overscan

### INPUTS/OUTPUTS

1 x Composite Video (RCA)

1 x S-Video (mini Din 4 pin)

1 x RGBs/YCrCb (4x RCA)

1 x RGBHV (D-Sub 15 pin)

1 x RS232 (D-Sub 9 pin)

1 x HDMI™-HDCP

1 x OUT digital audio (Toslink)

2 x OUT 12V 100mA on Jack connectors

### GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface

Power consumption: 190W max

Mains voltage range: 100-240Vac ±10% (48/62Hz)

Dimensions (WxHxD): 13.9"x6.85"x12.5"  
(352x174x318 mm)

### SUPPLIED ACCESSORIES

Installation and User Manual

AC power cords (EU, UK and USA) 6.6 ft (2m)

Remote control and batteries

(\*) Lamp life: the hours quoted have been measured in a lab under ideal test conditions. Lamp life varies depending on usage conditions and the surrounding environment. This is an average value that cannot be guaranteed and is not protected by warranty.

The DLP® logo and DLP® medallion are trademarks of Texas Instruments.

Specifications are subject to change without notice. Preliminary Leaflet D80 USA -March 2007

Headquarters:  
SIM2 MULTIMEDIA S.p.A.  
Viale Lino Zanussi, 11  
33170 Pordenone - Italy  
Tel. +39.0434.383256  
Telefax +39.0434.383260  
E-mail: info@sim2.it

Germany  
SIM2 DEUTSCHLAND GmbH  
ArndStr. 34-36  
D-60325 Frankfurt Am Main  
Tel. 0800.8007462  
Telefax 0800.9007462  
E-mail: info.de@sim2.it

UK:  
SIM2 UK LTD  
Steinway House, Worth Farm  
Little Horsted, Nr. Uckfield  
East Sussex TN22 5TT  
Tel. +44.01825.750850  
Telefax +44.01825.750851

USA:  
SIM2 USA INC.  
10108 USA Today Way  
Miramar, FL 33025  
Tel. +1.954.442.2999  
Telefax +1.954.442.2998  
E-mail: sales@sim2usa.com

