## SCREENPLAY GENESIS II SERIES SP228



## 1080p-4000-16:9 Aspect Ratio

The ScreenPlay Genesis II DLP projectors offer outstanding ultra-long lamp life, high brightness, and superb connectivity, which includes $2 x$ HDMI ports. Designed for classroom, office, and home use, they provide:

- Perfect images.
- Vibrant colours.
- Outstanding readability and contrast
- Compact and lightweight form.
- Versatile portable display solution.

Short-throw models for education for use with interactive whiteboards add further versatility to Genesis II.

The complete Genesis Series is also easy on the eye with its sleek matte while finish, understated branding with accessories to match.

## Features

## Full 3D

Display 3D content from almost any 3D source, including 3D Blu-ray players and the latest game consoles.

## Industry-leading Lamp Life

An unprecedented 15,000 hours of lamp life when used in Dynamic Mode. With no filters to replace.

## Advanced Digital Image Correction

With the new digital edge masking and image shift features - we make getting those final image adjustments perfect.

## USB-A Power for Devices

Power your external devices like Google Chromecast with Amazon TV with the convenient USB-A input on the projector.

## High Brightness

Get better, brighter images on any surface, in any light, with 4000 lumens on the standard throw models and 3800 lumens on short throw models.

## 24/7 Operation

They are designed to operate 24 hours a day in standard orientation. Perfect for applications where prolonged periods of use are required.

## Image

| Projection Technology | Texas Instruments DLP® |
| :--- | :--- |
| Panel Size | $0.47{ }^{\prime \prime}$ DMD |
| Native Resolution | $1080 p$ |
| Pixels | $1920 \times 1080$ |
| Aspect Ratio | $16: 9$ |
| Contrast Ratio | $30000: 1$ |
| Brightness (Lumens) | 4000 |
| Light Source | UHP Lamp |
| Light Source Life Maximum Hours | 15000 |
| Maximum Supported Resolution | $1920 \times 1200$ |
| Horizontal Sync. Range (KHz) | $15 \sim 97.55$ |
| Vertical Sync. Range (Hz) | $54 \sim 85$ |
| Uniformity (\%) | 80 |

## Optical

Lens 1.1x

Lens Zoom Adjustment
Optional Lenses
Image Offset (\%) 116
Focal Length (mm) 21.85~24.02
F-Stop 2.1
Vertical Lens shift (\%)
Horizontal Lens shift (\%)
Keystone Adjustment
Manual / Automatic
Vertical Keystone Correction $\pm 40^{\circ}$
Horizontal Keystone Correction
Projection Factor
$1.47 \sim 1.62: 11.0 \sim 9.8 \mathrm{~m} / 3.28 \sim 32.14$

Projection Distance (Meters/Feet)
Optical Zoom
Digital Zoom Demagnification /
Magnification
Focus Adjustment

## Conectivity

| Inputs | Mini D-sub 15-pin (VGA), S-Video, $2 \times$ HDMI $^{\text {TM }} 1.4,3.5 \mathrm{~mm}$ Stereo <br>  <br> Mini Jack, USB-A for Service |
| :--- | :--- |
| Outputs | 3.5 mm Stereo Mini Jack, Powered USB-A for Wireless Dongle, Mini <br> D-sub 15-pin (VGA) |
| Networking \& Control | RS232 |
| Embeded System | - |
| 3D | Full 3D All Major Formats |

## Power

Power Supply
100 ~ 240 V AC; $50 \sim 60 \mathrm{~Hz}$
Power Consumption Max (W) 267

Power Consumption Min. (W) 210

Power Consumption Network
Standby (W)
Power Consumption Standby (W) <0.5

## General

Product Dimensions (W x H x D) $313 \times 236 \times 96.4 / 12.4 \times 9.3 \times 3.8$
(mm / in)
Product Weight
2.9 / 6.4
(Kilograms/Pounds)
Packaged Dimensions (L x W x H)
$395 \times 337 \times 166 / 15.6 \times 13.3 \times 6.5$
( $\mathrm{mm} / \mathrm{in}$ )
Packaged Weight
4.1 / 9.0
(Kilograms/Pounds)

| Fan Noise (dB) | 27 |
| :--- | :--- |
| Audio (W) | $1 \times 10$ |
| Operating Temperature <br> (Celsius/Fahrenheit) | $5 \sim 40 / 41 \sim 104$ |
| Operating Humidity (\%) | $10 \sim 85$ |
| Max Operating Altitude (meters / | $3048 / 10000$ |
| feet) |  |
| Storage Temperature <br> (Celsius/Fahrenheit) | $-10 \sim 60 / 14 \sim 140$ |
| Storage Humidity (\%) | $10 \sim 85$ |
| Security | Kensington Security Slot ${ }^{\text {TM }}$, PIN Code Lock \& Timer |
| Safety and Regulatory | CB, CE, EAC, cTUVus, CCC, FCC, UKCA, NOM, PSB, BIS |
| Environmental | WEEE, EU RoHS, China RoHS, CEL, CECP |

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