

## Dell S510 Interactive Short-Throw Projector



### **Connect and project in new ways.**

The Dell Interactive Projector – S510 features interactive projection with HD resolution, 3,100 lumens brightness and wireless versatility.

## Display

**Light Valve:**

0.65" WXGA-800 S450 DMD, DarkChip3™

**ANSI Lumens (Max>):**

3100 ANSI Lumens (Max.)

**Contrast Ratio:**

Native: 2200:1 Typical

High Contrast Ratio Mode: 8000:1 Typical

**Native Resolution:**

WXGA (1280 x 800)

**Auto Sync Up to:**

UXGA (1600 x 1200)

**Aspect Ratio:**

16:10

**Uniformity:**

85% Typical (Japan Standard - JBMA)

**Projector Lens:**

F-Stop: F/2.6 Effective focal length =  
654mm ± 10mm @ 87.2 screen size

**Lens Offset Ratio:**

125% ± 5%

**Throw Ratio:**

0.35 (wide and tele)

**Projection Distance:**

0.517m ~ 0.759m ± 0.01m (1.7 ft ~ 2.49 ft)

**Lamp Life:**

Up to 3,000 hours Normal Mode

Up to 4,000 hours Eco-Mode

Up to 5000 hours Dynamic Eco-Cycle  
Mode

**Lamp Type:**

Osram 280W user-replaceable

**Zoom:**

Fixed Lens (Digital Zoom only)

**Screen Size - Diagonal:**

1.95m ~ 2.54m (70" ~ 100")

**Color Processing Technology:**

BrilliantColor™

**Displayable Color:**

Up to 1.07b

**Projection Mode:**

Front Projection - Wall-Mount (Default)

Rear Projection - Wall Mount

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## Audio and Speakers

**Multimedia Audio:**

2x 10W speaker RMS Stereo

**Noise Output:**

Normal Mode: 36 dB(A)

Eco-Mode: 32 dB(A)

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## Connectivity

**Power:**

AC power input socket

**VGA input:**

Two 15-pin D-sub connectors (Blue), VGA-A  
and VGA-B, for analog RGB/Component  
input signals

**VGA output:**

One 15-pin D-sub connector (Black) for  
VGA-A loop through.

**Composite Video input:**

One Yellow RCA jack for CVBS signal.

**HDMI Input:**

Two HDMI connector for supporting HDMI  
1.4a. HDCP compliant/one with MHL.

**USB Display:**

Yes, via USB-B

**PC-Free Presentation - Office Viewer:**

Yes, MS Excel/ Word/ Powerpoint/ PDF files  
- up to 32 GB from USB flash drive/ SD card  
- up to 2 GB from internal flash memory

**PC-Free Presentation - Multimedia Viewer:**

Yes, photo/music/video files  
- up to 32 GB from USB flash drive/ SD card  
- up to 2 GB from internal flash memory

**USB (type B) port:**

One mini USB slave for remote support and firmware upgrade

**USB (type A) port:**

One USB connector for multimedia playback (Video/Music/Photo/Office Viewer)

**USB (type B) port:**

One USB connector for supporting USB display and USB memory storage access (internal memory).

**Analog Audio Input:**

Two 3.5 mm stereo mini phone jack (Blue) and one pair of RCA connector (Red/White).

**Variable Audio Output:**

1x 3.5mm stereo mini phone jack (Green)

**Microphone:**

1x 3.5mm stereo mini phone jack (Pink)

**Networking:**

1x RJ45 connector for  
• network management control  
• LAN Display

**Network Management Control:**

Yes, via RJ45

**Wireless:**

Yes, WiFi Standard IEEE802.11a/b/g/n (2T2R)

**RJ45 port:**

One RJ45 connector for control of projector through network and LAN display.

**RS232:**

One 9-pin D-sub for RS232 communication.

**Advanced Wireless Features:****For PC:**

PC must have a wireless card or be connected to a wireless network and have the projector software installed for proper function.

**For Mobile Device:**

Mobile device must be either iPhone, iPad, or Android phone /tablet, and have wireless settings enabled. APP and applications must be downloaded and mobile device connected to wireless network for proper function.

- Do WiFi from laptop
- Conference Control
- 4-to-1 Split Screen
- Multi PC Session (up to 30 PCs)
- USB Plug-and-Show
- Supports audio projection (driver download may be required. download from support.dell.com)
- Do WiFi from iOS / Android mobile device
- via MobiShow-Pro\* (jpg/ jpeg/ PtG2)

- via WiFi-Doc\* (pdf/ excel/ word/ ppt)
- \*app is available for free download from App Store / Google Play

**Video Compatibility:****Composite Video:**

NTSC: M (3.58 MHz), 4.43 MHz  
PAL: B, D, G, H, I, M, N, 60  
SECAM: B, D, G, K, K1, L

**Component Video input via VGA input:**

480i/p, 576i/p, 720p, 1080i

**HDMI input:**

480i/p, 576i/p, 720p, 1080p

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**Storage**

**Built-in Flash Memory:** 2 GB

**Security**

**Password Protection Option:** Yes

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**Accessories**

**IR Pen:** Yes (2x)

**Remote Control:**

Basic Infra Red w/2 AA Batteries

- with page-up/down
- with laser pointer

**Power Cord:** Yes

**Wall-mount kit:** No (sold separately)

**Mounting Capability (all mounting kits are sold separately):**

Yes

- Wall-mount:  
(screw hole M4 x 8mm depth.  
recommended torque <10 kgf-cm)

## Dimensions

**Projector Weight:** 7.6kg (16.76 lbs)

**Projector Dimension (WxDxH):** 14.1 x 9.1 x 14.4 inches (357 x 231 x 367 mm)

**IR Pen Dimensions:** (length - diameter) 6.39 x 0.71 (162.2 x 18 mm)

**IR Pen Weight:** 55.2 g (with batteries)

**Remote Control Dimensions:** 140mm x 45mm x 19mm (5.5" x 1.77" x 0.75")

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## Manual and Documentation (Shipped with Projector)

**User Guide (CD / HTML format / All languages):** Yes

**Quick Setup Guide:** Yes

**Product Information Guide:** Yes

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## Other Features

**Quick Shutdown:** Yes (appx 10 seconds)

**Customizable Startup Logo:** Yes

**Closed Captioning (for NTSC Only):** Yes, via Composite Video/ S-Video input

**Crestron Roomview Compatible:** Yes

**3D-Capable:** Yes

**OS environment:** Windows 8/7/Vista/XP/2000, MAC OS X

**WiDi:** V3.5 with Miracast

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## Power

**Power Supply:**  
Universal AC 100-240V 50-60Hz with PFC input

**Power consumption:**

**Normal Mode:** 345W  $\pm$  10% @ 110Vac

(network on)

**Eco-Mode:** 285W  $\pm$  10% @ 110Vac (network on)

**Standby Mode:**  $\leq$ 0.5W

**Network Standby Mode:**  $\leq$ 9.6W

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## Environmental

**EU RoHS Compliant:** Yes

**Operating Temperature:** 5°C ~ 40°C (41°F ~ 104°F)

**Humidity:** 80% Maximum

**Storage Temperature:** 0°C ~ 60°C (32°F ~ 140°F)

**Humidity:** 90% Maximum

**Shipping Temperature:** -20°C ~ 60°C (-4°F ~ 140°F)

**Humidity:** 90% Maximum