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

Audio and Speakers

Multimedia Audio:
2x 10W speaker RMS Stereo

Noise Output:
Normal Mode: 36 dB(A)
Eco-Mode: 32 dB(A)

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 1EEE802.11a/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

Storage

Built-in Flash Memory: 2 GB

Security

Password Protection Option: Yes

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")

Manual and Documentation (Shipped with Projector)

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

Quick Setup Guide: Yes

Product Information Guide: Yes

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

Power

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

Power consumption:

Normal Mode: 345W ± 10% @ 110Vac

(network on)

Eco-Mode: 285W ± 10% @ 110Vac (network on)

Standby Mode: ≤0.5W

Network Standby Mode: ≤9.6W

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