



4K Certification Test Report

Crestron DigitalMedia™ Lab



Report #: 19 Date Test Completed: 12/2/2014
 Manufacturer: Sony Inputs Tested: #1
 Model: KD-55X8505B Native Resolution: 3840x2160
 Aspect Ratio: 1.77 (16:9)

EDID structure verification (HDMI® CTS v1.4B 8-1 thru 8-2)Pass **Video protocol compliance** (HDMI CTS v1.4B 8-17 thru 8-20)Pass
TMDS signal integrity (HDMI CTS v1.4B 8-5 thru 8-7)Pass **4K protocol compliance** (HDMI CTS v1.4B 8-30)Pass

EDID Report Support as declared by tested device via EDID

DM® Compatible Resolutions

- | | | | | |
|--|--|--|--|---|
| <input checked="" type="checkbox"/> 640x480@60Hz | <input type="checkbox"/> 1280x960@60Hz | <input type="checkbox"/> 1920x1080@25Hz (1080p25) | <input checked="" type="checkbox"/> 3840x2160@24Hz | <input checked="" type="checkbox"/> Other:
1920x1080@30Hz(1080p30) |
| <input checked="" type="checkbox"/> 720x480@60Hz (480p) | <input checked="" type="checkbox"/> 1280x1024@60Hz | <input checked="" type="checkbox"/> 1920x1080@25Hz (1080i25) | <input checked="" type="checkbox"/> 3840x2160@25Hz | |
| <input checked="" type="checkbox"/> 720x576@50Hz (576p) | <input type="checkbox"/> 1366x768@60Hz | <input checked="" type="checkbox"/> 1920x1080@30Hz (1080i30) | <input checked="" type="checkbox"/> 3840x2160@30Hz | |
| <input checked="" type="checkbox"/> 800x600@60Hz | <input type="checkbox"/> 1400x1050@60Hz | <input checked="" type="checkbox"/> 1920x1080@50Hz (1080p50) | <input checked="" type="checkbox"/> 3840x2160@50Hz | |
| <input checked="" type="checkbox"/> 1024x768@60Hz | <input type="checkbox"/> 1440x900@60Hz | <input checked="" type="checkbox"/> 1920x1080@60Hz (1080p60) | <input checked="" type="checkbox"/> 3840x2160@60Hz | |
| <input checked="" type="checkbox"/> 1280x720@50Hz (720p50) | <input type="checkbox"/> 1600x900@60Hz | <input type="checkbox"/> 1920x1200@60Hz | <input checked="" type="checkbox"/> 4096x2160@24Hz | |
| <input checked="" type="checkbox"/> 1280x720@60Hz (720p60) | <input type="checkbox"/> 1600x1200@60Hz | <input type="checkbox"/> 2048x1080@60Hz | <input checked="" type="checkbox"/> 4096x2160@50Hz | |
| <input type="checkbox"/> 1280x768@60Hz | <input type="checkbox"/> 1680x1050@60Hz | <input type="checkbox"/> 2560x1440@60Hz | <input checked="" type="checkbox"/> 4096x2160@60Hz | |
| <input type="checkbox"/> 1280x800@60Hz | <input checked="" type="checkbox"/> 1920x1080@24Hz (1080p24) | <input type="checkbox"/> 2560x1600@60Hz | | |

Preferred Timing: 1920x1080@60Hz (1080p60) **Color Space:** YCbCr/RGB **3D:** Yes

Audio Formats

- | | | | | | | |
|--|--|---|---------------------------------|--|---|---------------------------------|
| <input type="checkbox"/> No Audio Support | <input checked="" type="checkbox"/> Dolby Digital® | <input type="checkbox"/> Dolby Digital Plus | <input type="checkbox"/> DTS® | <input type="checkbox"/> DTS 96/24 | <input type="checkbox"/> DTS-HD Master Audio™ | <input type="checkbox"/> Other: |
| <input checked="" type="checkbox"/> Stereo PCM | <input type="checkbox"/> Dolby Digital EX | <input type="checkbox"/> Dolby® TrueHD | <input type="checkbox"/> DTS-ES | <input type="checkbox"/> DTS-HD High Res | <input type="checkbox"/> Up to 8ch PCM | |

CEC Report

Power on (remote control passthru): Supported **Power off** (remote control passthru): Supported **Power toggle:** Supported
Power on (image view on): Supported **Power off** (system standby): Supported

Note: This command turns the display on (if off) and selects the HDMI input from which it received the command (if not already selected.)

Signal Lock Performance

Time to lock on new signal (worst case, in seconds): 4.75

Signal lock performance notes: Longest time to lock on a new signal occurs when switching to a 3D source.

Other Notes

See how we conduct our 4K certification testing at www.crestron.com/4K

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