



4K Certification Test Report

Crestron DigitalMedia™ Lab



CERTIFIED

Report #: 36 Date Test Completed: 9/21/2015
 Manufacturer: Bang & Olufsen Inputs Tested: HDMI #1
 Model: Beovision 55 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 checked="" type="checkbox"/> 1920x1080@25Hz (1080p25) | <input checked="" type="checkbox"/> 3840x2160@24Hz | <input type="checkbox"/> Other: |
| <input checked="" type="checkbox"/> 720x480@60Hz (480p) | <input 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 type="checkbox"/> 4096x2160@24Hz | |
| <input checked="" type="checkbox"/> 1280x720@60Hz (720p60) | <input type="checkbox"/> 1600x1200@60Hz | <input type="checkbox"/> 2048x1080@60Hz | <input type="checkbox"/> 4096x2160@50Hz | |
| <input type="checkbox"/> 1280x768@60Hz | <input type="checkbox"/> 1680x1050@60Hz | <input type="checkbox"/> 2560x1440@60Hz | <input type="checkbox"/> 4096x2160@60Hz | |
| <input type="checkbox"/> 1280x800@60Hz | <input checked="" type="checkbox"/> 1920x1080@24Hz (1080p24) | <input type="checkbox"/> 2560x1600@60Hz | | |

Preferred Timing: 3840x2160@30Hz

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 checked="" type="checkbox"/> DTS® | <input type="checkbox"/> DTS 96/24 | <input type="checkbox"/> DTS-HD Master Audio™ | <input type="checkbox"/> Other: |
| <input 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 checked="" type="checkbox"/> Up to 8ch PCM | |

CEC Report

Power on (remote control passthru): Not Supported

Power off (remote control passthru): Not Supported

Power toggle: Not Supported

Power on (image view on): Not Supported

Power off (system standby): Not 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): 9

Signal lock performance notes: Longest switch time occurs when switched between 4K video sources.

Other Notes

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

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