



4K Certification Test Report

Crestron DigitalMedia™ Lab



CERTIFIED

Report #: 15 Date Test Completed: 10/30/2014
 Manufacturer: Samsung Inputs Tested: #1
 Model: U65HU9000F Native Resolution: 3840x2160
 Aspect Ratio: 1.77 (16:9)

EDID structure verification (HDMI® CTS 8-1 through 8-2) . . . Pass **Video protocol compliant** (HDMI CTS 8-17 through 8-20) . . . Pass
TMDS signal integrity (HDMI CTS 8-5 through 8-7) Pass **4K protocol compliant** (HDMI CTS 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: |
| <input type="checkbox"/> 720x480@60Hz (480p) | <input checked="" type="checkbox"/> 1280x1024@60Hz | <input checked="" type="checkbox"/> 1920x1080@25Hz (1080i25) | <input checked="" type="checkbox"/> 3840x2160@25Hz | 1920x1080@30Hz (1080p30) |
| <input type="checkbox"/> 720x576@50Hz (576p) | <input checked="" type="checkbox"/> 1366x768@60Hz | <input checked="" type="checkbox"/> 1920x1080@30Hz (1080i30) | <input checked="" type="checkbox"/> 3840x2160@30Hz | 4096x2160@25Hz |
| <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 checked="" 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 checked="" 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 checked="" type="checkbox"/> 1680x1050@60Hz | <input type="checkbox"/> 2560x1440@60Hz | <input checked="" type="checkbox"/> 4096x2160@60Hz | |
| <input checked="" type="checkbox"/> 1280x800@60Hz | <input checked="" type="checkbox"/> 1920x1080@24Hz (1080p24) | <input type="checkbox"/> 2560x1600@60Hz | | |

Preferred Timing: 3840x2160@24Hz

Color Space: YCbCr/RGB

3D: Yes

Audio Formats

- | | | | | | | |
|--|---|---|---------------------------------|--|---|---------------------------------|
| <input type="checkbox"/> No Audio Support | <input 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): Not Supported

Power toggle: Not 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): 7.0

Signal lock performance notes: Switching to a 3D video source causes the longest time to lock.

Other Notes

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

All brand names, product names, and trademarks are the property of their respective owners. Certain trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. ©2014 Crestron Electronics, Inc., Rockleigh, New Jersey

