DISPLAY

4K Certification Test Report

Crestron DigitalMedia™ Lab

CRESTRON 4K CERTIFIED

Report #: 27
Manufacturer: NEC
Model: X841UHD

Date Test Completed: 1/12/2015
Inputs Tested: #1
Native Resolution: 3840x2160
Aspect Ratio: 1.77 (16:9)

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

EDID Report

Support as declared by tested device via EDID

DM® Compatible Resolutions

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

Preferred Timing: 3840x2160@30Hz **Color Space:** YCbCr/RGB **3D:** No

Audio Formats

- [ ] No Audio Support
- [x] Stereo PCM
- [ ] Dolby Digital®
- [ ] Dolby Digital EX
- [ ] Dolby Digital Plus
- [ ] Dolby® TrueHD
- [ ] DTS®
- [ ] DTS-ES
- [ ] DTS 96/24
- [ ] DTS-HD High Res
- [ ] DTS-HD Master Audio™
- [ ] Up to 8ch PCM
- [ ] Other:

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): 3

Signal lock performance notes:

Other Notes

When displaying 480p at 4:2:2 with no overscan, there is a one-pixel-wide line on left side of screen

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

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