4K Certification Test Report

DISPLAY

Crestron DigitalMedia™ Lab

CRESTRON 4K CERTIFIED

Report #: 33
Manufacturer: Dell
Model: P2415Q

Date Test Completed: 4/2/2015
Inputs Tested: HDMI #1
Native Resolution: 3840 x 2160
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
- [ ] 1280x800@60Hz
- [ ] 1280x960@60Hz
- [x] 1280x1024@60Hz
- [ ] 1366x768@60Hz
- [ ] 1400x1050@60Hz
- [ ] 1440x900@60Hz
- [x] 1600x900@60Hz
- [x] 1600x1200@60Hz
- [ ] 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)
- [ ] 1920x1200@60Hz
- [ ] 2048x1080@60Hz
- [ ] 2560x1440@60Hz
- [ ] 2560x1600@60Hz
- [x] 3840x2160@24Hz
- [x] 3840x2160@25Hz
- [x] 3840x2160@30Hz
- [ ] 3840x2160@50Hz
- [ ] 3840x2160@60Hz
- [ ] 4096x2160@24Hz
- [ ] 4096x2160@50Hz
- [ ] 4096x2160@60Hz
- [x] Other: 1920x1080@30Hz (1080p30)

Preferred Timing: See Notes Section **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): 3.0

Signal lock performance notes:

Other Notes

Preferred resolution is an invalid reduced blanking 4K resolution.

EDID states 2048x1280@60Hz supported. However, display goes into power saver mode when input resolution is set to 2048x1280@60Hz.

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

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