



# Appendix B: Display Parameters for the SV-4K and DMP-2K Media Player

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This module provides a summary of the display parameters that are supported by the SV-4K and DMP-2K media player for communication with TV displays.

**Note:** These commands are not supported by the Cisco DMP 4310G.

## Display Parameters for HDMI CEC TV Control on the SV-4K and DMP-2K Media Players

Table 1 on page 63 shows the display parameters used for HDMI/CEC TV control.

**Note:** The default values for the HDMI CEC display parameters are set in the HDMI/CEC Standard display specification.

**Table 1 SV-4K and DMP-2K Display Parameters for HDMI CEC TV Control**

Display Parameter	Default Value <sup>1</sup>	Description
dmp.monitorAPIDelay	120000 ms (2 minutes)	Frequency of power query command sent by Dynamic Signage Director over HDMI CEC to the TV. (This command is also supported when using TV control with RS-232.)
dmp.monitorPower	true	Enables Dynamic Signage Director to run a power query to the TV using the <b>Get Status</b> command from the Management Dashboard. (This command is also supported when using TV control with RS-232.)
dmp.powerQueryByCEC	true	(New in Release 5.0) Enables powerQuery to get TV Power status using HDMI/CEC instead of RS-232. <b>Note:</b> This command is not supported by all TV models so it is separately configurable.
dmp.TVControlbyCEC	true	(New in Release 5.0) Enables TV control using HDMI/CEC instead of RS-232.

1. The default values are set in the HDMI/CEC Standard display specification.

## Display Parameter for Portrait Mode Content Renditions on the SV-4K and DMP-2K Media Players

**Note:** Scaling of content across multiple display screens in portrait mode is only supported for multicast streaming video.

**Table 2 SV-4K and DMP-2K Display Parameters for Portrait Mode**

Display Parameter	Default Value	Description
dmp.portrait	false	(New in Release 5.0) Enables auto-rotation of content to vertical orientation on a TV display.

## Display Parameters for RS-232 TV Control on the SV-4K and DMP-2K Media Players

**Table 3 on page 64** shows a summary of the serial commands for the SV-4K and DMP-2K and their default values.

**Note:** Different TV display models might support only certain RS-232 display parameters.

**Table 3 SV-4K and DMP-2K Display Parameters for RS-232 TV Control<sup>1</sup>**

Display Parameter	Value
dmp.Input1response	62203031204F4B303878
dmp.Input2response	62203031204F4B303278
dmp.Input3response	62203031204F4B303478
dmp.Input4response	62203031204F4B303078
dmp.volumeResponseFormat	66203031204F4B5F5F78
dmp.muteOnResponse	65203031204F4B303078
dmp.monitorAPIDelay	120000
dmp.monitorAVInput	true
dmp.monitorMute	true
dmp.monitorPower	true
dmp.monitorVolume	true
dmp.displayPwrQuery	rs232.tx_hex=6B612030312046460D
dmp.displayAVInputQuery	rs232.tx_hex=6B622030312046460D
dmp.muteQuery	rs232.tx_6B652030312046460D
dmp.volumeQuery	rs232.tx_6B662030312046460D
Input1	rs232.tx_6B622030312030390D
Input2	rs232.tx_6B622030312030320D
Input3	rs232.tx_6B622030312030340D
Input4	rs232.tx_6B622030312030300D

1. The commands in this table are supported by the LG 19LH20 TV display.

For more information about configuring display parameters for RS-232 TV control, see “Working with TV Displays in Cisco StadiumVision Director” topic of the [Cisco StadiumVision Director Operations Guide](#).