

Yellow highlight denotes 2020 change. IP commands require secure token, available to authorized Control Partners

Category	Method #	Command	Options	Remarks
General	1	Power Control	Power On or *Use WOL, WOLW	
	2	Direct Volume Control	Reboot	
	3	Volume Up/Down Control	0-100	
	4	Mute Control	Volume Up Volume Dn Mute Off Mute On	
	5	Direct Channel Control	Analog/Digital TV Selection Air/Cable Selection	
	6	Channel Up/Down Control	Channel Num (0-999) Channel Up Channel Dn	
Source	7	Direct Source Selection	TV HDMI1 HDMI3 HDMI3 HDMI4 AUX COMPONENT1 USB*	Input Source Control works only if there's physical port connection that matches with the IPControl command. i.e. if a IPControl command has entered to change HDMI source but if there's no HDMI connection on TV, then TV will return error.
	8	USB Source Control	USB Device Name	
	9	RUISourceControl (Deprecated)	Device Name Device ID	(Deprecated)
Picture	10	Picture Mode Control	Dynamic Standard Movie Natural Filmmaker Mode (from 2020 TV & Up) HDMI CAL-NIGHT (Deprecated) CAL-DAY (Deprecated)	Filmmaker Mode option is available on 2020 TV with FMM content.
	11	Contrast Control	0-100	
	12	Brightness Control	(-5)-5	TV menu name is changed from Brightness to Shadow Level on 2020 TV.
	13	Sharpness Control	0-20	
	14	Color Control	0-50	
	15	Tint Control	(-15)-15	
	16	Picture Size Control	16:9	
	17	Picture Calibration Mode Control (Deprecated)	Off On	(Deprecated) (2020 TV - Not available)
	18	Backlight Control	0-50	TV menu name is changed from Backlight to Brightness on 2020 TV.
	19	Digital Clean View Control	Auto Low (Deprecated) Off	TV menu name is changed from Digital Clean View to Noise Reduction on 2020 TV.
	20	Auto Motion Plus Control	Off Auto Custom	Auto Motion Plus is renamed to Picture Clarity on 2020 TV.
	21	AMP Blue Reduction	0-10	AMP - Auto Motion Plus AMP mode should be Custom. Panel should be L20H4 Panel.
	22	AMP Judder Reduction	0-10	AMP - Auto Motion Plus AMP mode should be Custom.
	23	AMP LED Clear Motion	Off On	AMP - Auto Motion Plus AMP mode should be Custom.
	24	Local Dimming Control	Standard Low High	
	25	Film Mode Control	Off Auto1 Auto2	Auto1, Auto2 options are limited as Auto on 2020 TV since it has only Auto option.
	26	Contrast Enhancer Control	Off Low High	
	27	Color Tone Control	Cool Standard Warm1 Warm2	
	28	WB 2-Point Control	B-Gain (1:50-50) G-Gain (1:50-50) B-Offset (1:50-50) G-Offset (1:50-50) B-Offset (1:50-50)	
	29	WB 2D-Point Control	Off	WB20PointMode should be On
	30	WB 2DP Interval Control	5% - 100% / Step 5%	WB20PointMode should be On
	31	WB 2DP Red Control	(-50)-50	WB20PointMode should be On
	32	WB 2DP Green Control	(-50)-50	WB20PointMode should be On
	33	WB 2DP Blue Control	(-50)-50	WB20PointMode should be On
	34	Gamma Mode Control	BT 1886 ST 2084 HLG 2.2	
	35	Gamma BT1886 Control	(-3)-3	gammaMode should be BT1886
	36	Gamma ST2084 Control	(-3)-3	gammaMode should be ST2084
	37	Gamma HLG Control	(-3)-3 Off	gammaMode should be HLG
	38	RGB Only Mode Control	Red Green Blue	
	39	Color Space Control	Auto Native Custom	
	40	Color Space Color Control	Red Green Blue Yellow Cyan Magenta	ColorSpace mode should be custom
	41	Color Space Color Adjustment Point Control (Deprecated)	75%	(Deprecated)
	42	Color Space Red Control	0-100	ColorSpace mode should be custom
43	Color Space Green Control	0-100	ColorSpace mode should be custom	
44	Color Space Blue Control	0-100	ColorSpace mode should be custom	
Sound	45	Sound Mode Control	Standard Heavy Optimized (Deprecated)	
	46	Speaker Selection	Internal External Audio Out/Optical	
	47	External Speaker Selection	Device Name Device ID volume(0-100)	
Status	48	Get TV Status	Mute On/Off Active Source (TV/AUX/_HDMI/_) Picture Size (16:9/4:3) Picture Mode (Standard/_) Sound Mode (Standard/_) contrast(0-100) brightness(5-5) sharpness(0-100) color(0-100) hsv(0-100)	
	49	Get Video Status	cursor up cursor down cursor left cursor right menu Home Screen enter fast forward rewind play stop pause return exit power number1 number2 number3 number4 number5 number6 number7 number8 number9 number0 caption back red green yellow blue	
Key	50	Remote Key Emulation	webBrowser	
			netflix	
App	51	Direct Apps Access	amazon	
			VUDU	
ArtMode	52	Art Mode Control (Frame TVs only)	artModeOn	
			artModeOff (TV Mode)	