

Yellow highlight denotes change. IP commands require secure token, available to authorized Control Partners			
Category	Command	Options	Remarks
General	Power Control	Power Off Power On or *Use WoL, WoW. Reboot	
	Direct Volume Control	0~100	
	Volume Up/Dn Control	Volume Up Volume Dn	
	Mute Control	Mute Off Mute On	
	Direct Channel Control	Analog/Digital TV Selection/TV Plus Air/Cable Selection	TV Plus is supported from 2022 products
		Channel Num (0~999)	ATV: 1-135 / DTV: 0-999 / Minor ch: 0-999
	Channel Up/Dn Control	Channel Up Channel Dn	
Source	Input Source Control	TV	
		HDMI1	
		HDMI2	
		HDMI3	
		HDMI4*	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.
		AV1 COMPONENT1 USB RVU* (Deprecated)	*HDMI4 works as HDBT on Terrace model
	USB Source Control	USB Device Name Device ID	
	RVUSourceControl (Deprecated)	Device Name Device ID	
Picture	Picture Mode Control	Dynamic Standard Movie Natural (deprecated 2022) Filmmaker Mode (from 2020 TV & Up) HDR+ (Deprecated)	FilmmakerMode option is available on 2020 TV with FMM content.
		CAL-NIGHT CAL-DAY	
	Contrast Control	0~50	
	Brightness Control	(-5)~5	TV menu name is changed from Brightness to Shadow Detail on 2020 TV
	Sharpness Control	0~20	
	Color Control	0~50	
	Tint Control	(-15)~15	
	Picture Size Control	16:9 4:3	
	Picture Calibration Mode Control(Deprecated)	Off On	Deprecated
	Backlight Control	0~50	TV menu name is changed from Backlight to Brightness on 2020 TV
	Digital Clean View Control	Auto Low (Deprecated) Off	TV menu name is changed from Digital Clean View to Noise Reduction on 2020 TV
	Auto Motion Plus Control (AMP)	Off Auto Custom	Auto Motion Plus is renamed to Picture Clarity on 2020 TV
	AMP Blur Reduction	0~10	AMP : Auto Motion PlusAMP mode should be Custom.Panel should be 120Hz Panel.
	AMP Judder Reduction	0~10	AMP : Auto Motion PlusAMP mode should be Custom.
	AMP LED Clear Motion	Off On	AMP : Auto Motion PlusAMP mode should be Custom.
	Local Dimming Control	Low Standard High	
	Film Mode Control	Off Auto1 Auto2	Auto1, Auto2 options are treated as Auto on 2020 TV since it has only Auto option.
	Contrast Enhancer Control	Off Low High	
	Color Tone Control	Cool Standard Warm1 Warm2	
	WB 2-Point Control	R-Gain ((-50)~50) G-Gain ((-50)~50) B-Gain ((-50)~50) R-Offset ((-50)~50) G-Offset ((-50)~50) B-Offset ((-50)~50)	
		Off On	WB20PointMode should be On
		5% ~ 100% / Step 5%.	WB20PointMode should be On
		(-50)~50	WB20PointMode should be On
		(-50)~50	WB20PointMode should be On
	WB 20-Point Control	(-50)~50	WB20PointMode should be On
	Gamma Mode Control	BT.1886 ST.2084 HLG 2.2	
		(-3)~3	gammaMode should be BT1886
		(-3)~3	gammaMode should be ST2084
		(-3)~3	gammaMode should be HLG
	RGB Only Mode Control	Off Red Green Blue	Deprecated 2022 TV
	Color Space Control	Auto Native Custom	
	Color Space Color Control	Red Green Blue Yellow Cyan Magenta	Available with Color Space = Custom
		50% 75% 100%	Available with Color Space = Custom Works only on Cal Day/Cal Night
		0~100	Available with Color Space = Custom
		0~100	Available with Color Space = Custom
		0~100	Available with Color Space = Custom

Sound	Sound Mode Control	Standard	
		Amplify	
	Speaker Selection	Optimized (Deprecated)	
		Internal	
Status	Get TV Status	External	
		Audio Out/Optical	
		Device Name	
		Device ID	
Status	Get TV Status	volume(0~100)	
		Mute On/Off	
		Active Source (TV/AV/.../HDMI/...)	
		Picture Size (16:9/4:3)	
Status	Get Video Status	Picture Mode(Dynamic/...)	
		Sound Mode (Standard/...)	
		contrast(0~50)	
		brightness(.5~5)	
Status	Get Video Status	sharpness(0~20)	
		color(0~50)	
		tint(-15~15)	
Key	Remote Key Emulation	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	
		dash	
		red	
		green	
		yellow	
		blue	
		multiview	
App	Direct Apps Access	webBrowser	
		netflix	
		amazon	
		VUDU	
		pandora	
		vudu	
		youTube	
		hulu	
App	First Screen App Control	Application Name	Supported from 2021 TV
	Art Mode Control (Frame TVs only)	Art Mode On	
ArtMode	Art Mode Control (Frame TVs only)	Art Mode Off (TV Mode)	
Multiview	Multi-View Control	multiview	Supported from 2021 TV
Display Rotator	Auto Rotating Mount	orientation	Supported from 2022 TV