

Category	Sub Category	Command Name	1st Index Dimension	2nd Index Dimension	3rd Index Dimension	4th Index Dimension	5th Index Dimension	Command Value or Enumeration	Command	Response	Min Value	Max Value	Default Value	VER_VAR Version
GENERAL	DEVICE TYPE	DEV_PLATFORM	NONE	NONE	NONE	NONE	NONE	ENUM_DEV	I	PDEV	ORX_1 (97)	ORX_1 (97)	ORX_1 (97)	6
		Comment	(READ ONLY) Device platform number						Value Description					
	DEVICE TYPE	DEV	NONE	NONE	NONE	NONE	NONE	ENUM_DEV	?	DEV	ORX_1 (97)	NXT0802_4K (117)	ORX_1 (97)	1
		Comment	(READ ONLY) Device type number						Value Description					
	DEVICE TYPE	DEV_IS_SIMULATED	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	Sidev	Sidev	0	1	0	11
		Comment	(READ ONLY) Indicate if device is simulated						Value Description : 1 if device is simulated by AW_SIMULATOR					
	MACHINE STATE	DEVICE_GLOBAL_STATE	NONE	NONE	NONE	NONE	NONE	ENUM_DEVICE_OPERATION_STATE	PCdgs	PCdgs	UNKNOWN (0)	READY (255)	UNKNOWN (0)	2
		Comment	(READ ONLY) Device global state						Value Description : 255 = Device ready					
	MACHINE STATE	DIESE_TPP	NONE	NONE	NONE	NONE	NONE	ENUM_DIESE_REQUEST	TPdie	TPdie	NONE (0)	COMPATIBLE_MODE (3)	NONE (0)	1
		Comment	Request to send all current command values						Value Description : The device will enumerate all commands, sending current values. The end of enumeration is signaled by resetting this command to 0 (NONE).					
	COMMAND SET VERSION	VER_TPP	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TPver	TPver	0	65535	4	3
		Comment	(READ ONLY) Version of this entire command set, for the current firmware						Value Description					
	UPDATER VERSION	VER_UPDATER	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	VEupd	VEupd	0	4294967295	0	1
		Comment	(READ ONLY) Device firmware version						Value Description : Bit 31 : 0 -> Release, 1 -> BETA Bit 24..30 : Major version Bit 16..23 : Minor version Bit 0..15 : Build version example : 67 239 971 stands for v4.02.23 Release					
	TPP BUILD	BUILD_TPP	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TPbui	TPbui	0	4294967295	0	2
		Comment	(READ ONLY) TPP Module Build version						Value Description					
	MAC ADDR	PC_MAC_ADDRESS	DIM_DEVICE	DIM_MACFIELD	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PCmac	Pcmac	0	255	0	1
		Comment	(READ ONLY) PC Mac Address						Value Description					

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DEVICE	SHUTDOWN	SHUTDOWN_DEVICE	DIM_DEVICE	NONE	NONE	NONE	NONE	ENUM_SHUTDOWN	PCsht	PCsht	NONE (0)	SHUTDOWN_AND_WOL (2)	NONE (0)	3
		Comment	Shutdown device						Value Description					
	REBOOT	REBOOT_DEVICE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PCreb	PCreb	0	1	0	1
		Comment	Reboot device						Value Description 1 to request device reboot					
	PORT TYPE	PORT_TYPE	NONE	NONE	NONE	NONE	NONE	ENUM_PORT_TYPE	/	/	AWP (0)	VERTIGE (4)	AWP (0)	5
		Comment	(READ ONLY) Returns type of port the client is connected on						Value Description					
	TPP CONTROLLERS COUNT	TPP_CONNECTED_CONTROLLERS	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TPcon	TPcon	0	5	0	1
		Comment	(READ ONLY) TPP connected controller count						Value Description					
	VERTIGE CONTROLLERS COUNT	VERTIGE_CONNECTED_CONTROLLERS	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	VRcon	VRcon	0	3	0	5
		Comment	(READ ONLY) Vertige connected controllers count						Value Description					
	CAPABILITIES	FLAG_DEVICE_IS_3U	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFtu	DFtu	0	1	0	6
		Comment	(READ ONLY) Device size form factor						Value Description 1 if device is a 3U form factor					
	CAPABILITIES	FLAG_LAYERS_PER_RESSOURCE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFlpr	DFlpr	0	255	0	6
		Comment	(READ ONLY) Number of layers per ressource						Value Description Number of layers per ressource					
	CAPABILITIES	FLAG_ESEB_AVAILABLE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFseb	DFseb	0	1	0	6
		Comment	(READ ONLY) Embedded soft edge blending availability						Value Description 1 if the embedded soft edge blending is available					
	CAPABILITIES	FLAG_DEVICE_IS_LOE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFloe	DFloe	0	1	0	6
		Comment	(READ ONLY) Indicate if device is an output expander						Value Description 1 if the device is an output expander					
	CAPABILITIES	FLAG_SPU_CONTROL_AVAILABLE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFspu	DFspu	0	1	0	6
		Comment	(READ ONLY) External power unit can be control by this device						Value Description 1 if spu control is available					
	CAPABILITIES	FLAG_PERSPECTIVE_LAYER_AVAILABLE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFplr	DFplr	0	1	0	6
		Comment	(READ ONLY) Indicate if device can handle perspective layers						Value Description 1 if device can handle perspective layers					
	CAPABILITIES	FLAG_4K_AVAILABLE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFrk	DFrk	0	1	0	6
		Comment	(READ ONLY) Indicate if device can handle 4K content						Value Description 1 if device is equipped with 4K hardware					
	CAPABILITIES	FLAG_RESSOURCES_PER_DEVICE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	DFrpd	DFrpd	0	255	0	6
		Comment	(READ ONLY) Number of ressources per device						Value Description Number of ressources per device					
	ALARM	TEMP_DEVICE_ALARM	DIM_DEVICE	NONE	NONE	NONE	NONE	ENUM_TEMP_ALARM_LVL	TEdal	TEdal	NONE (0)	FORCE_STANDBY (2)	NONE (0)	1
		Comment	(READ ONLY) Temperature alarm status of all the device						Value Description					
	ALARM	TEMP_DEVICE_ALARM_OVERRIDE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TEdao	TEdao	0	1	0	11
		Comment	Override automatic switch-off of the device when critical overheat happens						Value Description 1 to avoid automatic switch-off					
	ALARM	FAN_DEVICE_ALARM	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	FAalm	FAalm	0	1	0	11
		Comment	(READ ONLY) Alarm status for all device Fans						Value Description 1 if a fan alarm is raised					

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SCREEN	SCREEN AVAILABILITY	SP_SCREEN_IS_ENABLED	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPise	SPise	0	1	0	3
		Comment	(READ ONLY) Indicates if screen is enabled and can manage presets (has outputs and not confidence)						Value Description					
	TAKE	SP_TAKE	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPCtl	SPCtl	0	1	0	1
		Comment	per screen, starts the transition from Next Preset (Preview) to the Current (Program)						Value Description: only writing value 1 is allowed register value must be 0 before writing 1 automatically returns to 0					
	TAKE / TBAR AVAILABILITY	GROUP_AVA	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GCava	GCava	0	1	1	1
		Comment	(READ ONLY) TAKE/TBar commands availability						Value Description: 1 = TAKE/TBar available					
	MULTI TAKE	SP_TAKE_SCREEN_LIST	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPTsl	SPTsl	0	1	0	3
		Comment	take screens listed by SP_SCREEN_LIST						Value Description					
	MULTI TAKE	SP_SCREEN_LIST	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPscI	SPscI	0	1	0	3
		Comment	filters screen for take operations						Value Description					
	MULTI TAKE	SP_SET_SCREEN_LIST_ON_PESMEM_LOAD	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPslu	SPslu	0	1	0	3
		Comment	if set to 1, SP_SCREEN_LIST is set to PESMEM_OP_SCREEN_ENABLE after master preset memory load						Value Description					
	TBAR	SP_TBAR	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SPCtb	SPCtb	0	65535	0	1
		Comment	per screen, TBar position value						Value Description: unit is 1/65536 to allow very fine moves bigger steps can be used TBar position is absolute, meaning that starting value will be alternatively 0 or 65535 this register is controlled together by user and by the device					
SCREEN	BACKGROUND INPUT	SP_PN_INPUTSET	DIM_SCREEN	DIM_PRESET_MODE	NONE	NONE	NONE	ENUM_NATIVE_SET	SPPNI	SPPNI	NONE (0)	8 (8)	NONE (0)	1
		Comment	Native background set displayed on the screen Program/Preview						Value Description					
	SCREEN LAYER COUNT	OSCREEN_MAX_LAYERS	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SCmly	SCmly	0	24	0	1
		Comment	(READ ONLY) Maximum number of layers on screen						Value Description					
	SCREEN SIZE	OSCREEN_STATUS_SIZE_H	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SCssh	SCssh	0	65536	1920	1
		Comment	(READ ONLY) Screen width status						Value Description: size in pixel					
	SCREEN SIZE	OSCREEN_STATUS_SIZE_V	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SCsv	SCsv	0	65536	1080	1
		Comment	(READ ONLY) Screen height status						Value Description: size in pixel					
SCREEN	PERSPECTIVE	SCREEN_IS_PERSPECTIVE_STATUS	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PEps	PEps	0	1	0	8
		Comment	(READ ONLY) Screen is perspective (status)						Value Description: 1 = valid					
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SCREEN PRESET	PRESET ID	PI_PRESET_ID	DIM_SCREEN	DIM_PRESET	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PIpid	PIpid	0	255	255	2
		Comment	ID value, settled by RCS when a memory load occurs						Value Description					
SCREEN PRESET	PRESET MODIFIED	PI_WAS_UNMODIFIED_STATUS	DIM_SCREEN	DIM_PRESET	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PIwus	PIwus	0	1	0	2
		Comment	(READ ONLY) Preset modified flag (Status)						Value Description: 1: preset was modified					

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SINGLE SCREEN PRESET	PRESET RECALL	PEMEM_LOAD	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMloa	PMloa	0	1	0	1
		Comment	Load request of a memorised preset to the Next (Preview) or Current (Program) preset of a screen						Value Description	To request a load, parameters must have been set with the following commands : PEMEM_FILTER_CATEGORY to setup elements filter PEMEM_LOAD_SCALE_ENABLE to control scaling PEMEM_MEMORY_TO to setup origine memory number PEMEM_SCREEN_FROM to setup the destination screen PEMEM_PRESET_FROM to setup destination, PROGRAM OR PREVIEW				
	PRESET RECALL	PEMEM_LOAD_AND_TAKE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMlot	PMlot	0	1	0	3
		Comment	Same as PEMEM_LOAD, takes the PEMEM_SCREEN_FROM screen after the preset load						Value Description	1 to request a load				
	PRESET RECALL	PEMEM_FILTER_CATEGORY	NONE	NONE	NONE	NONE	NONE	ENUM PEMEM_CATEGORY	PMcat	PMcat	NONE (0)	ALL (4095)	ALL (4095)	1
		Comment	Preset elements filter value, used during preset or master preset memory load operation						Value Description					
	PRESET RECALL	PEMEM_LOAD_SCALE_ENABLE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMlse	PMlse	0	1	0	1
		Comment	Allows automatic resizing of layers, due to changes in screen size, during preset or master preset memory load operation						Value Description					
	PRESET RECALL	PEMEM_MEMORY_TO	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMmet	PMmet	0	143	0	1
		Comment	Set the origine memory number of a preset memory load operation						Value Description					
	PRESET RECALL	PEMEM_SCREEN_FROM	NONE	NONE	NONE	NONE	NONE	ENUM_SCREEN	PMscf	PMscf	S1 (0)	S8 (7)	S1 (0)	1
		Comment	Set the destination screen of a preset memory load operation						Value Description					
	PRESET RECALL	PEMEM_PRESET_FROM	NONE	NONE	NONE	NONE	NONE	ENUM_PRESET_MODE	PMprf	PMprf	MAIN (0)	PREVIEW (1)	MAIN (0)	1
		Comment	Set the Program/Preview destination of a preset memory load operation						Value Description					
	PRESET RECALL	PEMEM_SCREEN_WIDTH	DIM_PE_MEMORY	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMscw	PMscw	0	65536	0	1
		Comment	(READ ONLY) Horizontal screen size status of preset memories						Value Description	size in pixel				
	PRESET RECALL	PEMEM_SCREEN_HEIGHT	DIM_PE_MEMORY	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMsch	PMsch	0	65536	0	1
		Comment	(READ ONLY) Vertical screen size status of preset memories						Value Description	size in pixel				
	PRESET SAVE	PEMEM_FILTER_SAVE_IN_MEMORY	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMfim	PMfim	0	1	0	10
		Comment	Enables/Disables saving the FILTER_CATEGORY in the preset memory						Value Description					
	PRESET SAVE	PEMEM_SAVE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMsav	PMsav	0	1	0	1
		Comment	Saves preset memory						Value Description					
	PRESET RESET	PEMEM_RESET	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMres	PMres	0	1	0	1
		Comment	reset preset memory						Value Description					
	PRESET STATUS	PEMEM_IS_PERSPECTIVE	DIM_PE_MEMORY	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PMsip	PMsip	0	1	0	5
		Comment	(READ ONLY) screen is perspective						Value Description					

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MULTIPLE SCREENS PRESET	MASTER PRESET RECALL	PESMEM_VALID	DIM_PES_MEMORY	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSval	PSval	0	1	0	1
		Comment	(READ ONLY) master preset memory validity (status)						Value Description	1 = valid				
	MASTER PRESET RECALL	PESMEM_OP_SCREEN_ENABLE	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSose	PSose	0	1	1	1
		Comment	Per screen, master preset memory load enable, used to preserve some screens during a master preset recall						Value Description	1 = enable recalling on this screen, if that screen was included in the memory during setup				
	MASTER PRESET RECALL	PESMEM_LOAD	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSloa	PSloa	0	1	0	1
		Comment	Load request of a master memory preset to the Next (Preview) or Current (Program) preset of multiple screens						Value Description	1 to request a load, parameters must have been set with the following commands: PEMEM_FILTER_CATEGORY to setup elements filter PEMEM_LOAD_SCALE_ENABLE to control scaling PEMEM_MEMORY_TO to setup origine master memory number PEMEM_PRESET_FROM to setup the destination, PROGRAM OR PREVIEW				
	MASTER PRESET RECALL	PESMEM_LOAD_AND_TAKE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSlot	PSlot	0	1	0	3
		Comment	Same as PESMEM_LOAD, takes PESMEM_OP_SCREEN_ENABLE screens after the master preset load						Value Description	1 to request a load and take				
	MASTER PRESET RECALL	PESMEM_MEMORY_TO	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSmet	PSmet	0	143	0	1
		Comment	Set the origine memory number of a master preset memory load operation						Value Description					
	MASTER PRESET RECALL	PESMEM_PRESET_FROM	NONE	NONE	NONE	NONE	NONE	ENUM_PRESET_MODE	PSprf	PSprf	MAIN (0)	PREVIEW (1)	MAIN (0)	1
		Comment	Set the Program/Preview destination of a master preset memory load operation						Value Description					
	MASTER PRESET RECALL	PESMEM_SCREEN_ENABLED	DIM_PES_MEMORY	DIM_SCREEN	NONE	NONE	NONE	ENUM_MASTER_PRESET_VALIDITY	PSsse	PSsse	NOT_VALID (0)	CONFIDENCE_MEMORY (2)	NOT_VALID (0)	1
		Comment	(READ ONLY) master preset memory validity, per screen (status)						Value Description	0 = this master preset memory screen is empty				
	MASTER PRESET RECALL	PESMEM_SCREEN_MEMORY	DIM_PES_MEMORY	DIM_SCREEN	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSssm	PSssm	0	143	0	1
		Comment	(READ ONLY) preset memory number, per screen (status)						Value Description					
	MASTER PRESET SAVE	PESMEM_SAVE	NONE	NONE	NONE	NONE	NONE	ENUM_MASTER_PRESET_SAVE_MODE	PSsav	PSsav	IDLE (0)	AUTO (2)	IDLE (0)	1
		Comment	Saves master preset memory						Value Description					
	MASTER PRESET RESET	PESMEM_RESET	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	PSres	PSres	0	1	0	1
		Comment	reset mater preset memory						Value Description					
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LAYER	LAYER INPUT	SP_PE_INPUTNUM	DIM_SCREEN	DIM_PRESET_MODE	DIM_LAYER	NONE	NONE	ENUM_INPUTLAYER	SPPEI	SPPEI	NONE (0)	COLOR (41)	NONE (0)	1
		Comment	Input number displayed						Value Description					

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LIVE INPUT	INPUT SIGNAL DETECTED	SIG_SCAN_VALID	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	NO ENUM (see Min / Max values)	ISsva	ISsva	0	1	0	1
		Comment	(READ ONLY) Indicates that a plug was scanned and a valid signal was detected						Value Description	1 = valid signal detected WARNING : due to internal architecture, sometimes some signals cannot be detected on a not active plug				
	INPUT SIGNAL FORMAT	SIG_CURRENT_FORMAT	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	ENUM_IFORMAT_NAME	IScfo	IScfo	NONE (0)	CINEMA_4K (63)	NONE (0)	1
		Comment	(READ ONLY) Current format on the plug						Value Description					
	INPUT SIGNAL SIZE	SIG_IMAGE_WIDTH	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	NO ENUM (see Min / Max values)	ISlwi	ISlwi	0	65535	0	1
		Comment	(READ ONLY) User selected width of the image (Takes user aspect ratio into account)						Value Description	In pixels				
	INPUT SIGNAL SIZE	SIG_IMAGE_HEIGHT	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	NO ENUM (see Min / Max values)	ISlhi	ISlhi	0	65535	0	1
		Comment	(READ ONLY) User selected height of the image (Takes user aspect ratio into account)						Value Description	In lines				
	INPUT AVAILABILITY	IN_AVAILABLE	DIM_INPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INava	INava	0	1	0	1
		Comment	(READ ONLY) informs which input is available on the device						Value Description	1 if the input is available on device				
	INPUT FREEZE	IN_FREEZE	DIM_INPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INfrz	INfrz	0	1	0	1
		Comment	Freezes an input						Value Description	1 = freeze the input				
	INPUT AUTOSET	IN_AUTOSET_INPUT	DIM_INPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INasi	INasi	0	1	0	1
		Comment	Request auto settings of all plugs of an input						Value Description	1 = request				
	INPUT AUTOCENTER	IN_AUTOCENTER_INPUT	DIM_INPUT	NONE	NONE	NONE	NONE	ENUM_AUTOCENTER_REQUEST	INain	INain	IDLE (0)	ADVANCE (2)	IDLE (0)	1
		Comment	Request auto centering for the active plug of the input						Value Description					
	INPUT AUTOCENTER PROGRESS	IN_AUTOCENTER_INPUT_PROGRESS	DIM_INPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INaip	INaip	0	100	0	1
		Comment	(READ ONLY) Progress status of the auto centering request						Value Description	Progress status in percent				
	INPUT CLEAR	IN_BLACK	DIM_INPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INbla	INbla	0	1	0	1
		Comment	Blacks an input						Value Description					

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FRAME LOGO	VALIDITY	LG_ST_VALID	DIM_LARGE_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LSval	LSval	0	1	0	1
		Comment	Frame validity (image content is available)						Value Description	1 = valid				
	VALIDITY	RD_ST_VALID	DIM_REduced_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	RSval	RSval	0	1	0	1
		Comment	Logo validity (image content is available)						Value Description	1 = valid				
	FRAME SIZE	LG_ST_DISPLAY_WIDTH	DIM_LARGE_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LSdwi	LSdwi	0	4096	1920	1
		Comment	(READ ONLY) Frame horizontal size						Value Description	Unit is pixel				
	FRAME SIZE	LG_ST_DISPLAY_HEIGHT	DIM_LARGE_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LSdhe	LSdhe	0	2160	1080	3
		Comment	(READ ONLY) Frame vertical size						Value Description	Unit is line				
	LOGO SIZE	RD_ST_DISPLAY_WIDTH	DIM_REduced_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	RSdwi	RSdwi	0	2048	1920	1
		Comment	Logo horizontal size						Value Description	Unit is pixel				
	LOGO SIZE	RD_ST_DISPLAY_HEIGHT	DIM_REduced_STILLS	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	RSdhe	RSdhe	0	2048	540	3
		Comment	Logo vertical size						Value Description	Unit is line				

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PLUG	CURRENT PLUG	IN_PLUG	DIM_INPUT	NONE	NONE	NONE	NONE	ENUM_IN_PLUG	INplg	INplg	ANALOG_HD15 (0)	DISPLAY_PORT (5)	SDI (3)	1
		Comment	Defines the input active plug						Value Description					
	PLUG AVAILABILITY	IN_PLUG_AVAILABLE	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	NO ENUM (see Min / Max values)	INpav	INpav	0	1	0	1
		Comment	(READ ONLY) informs which plugs are available on each input						Value Description					

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HDCP	INPUT HDCP STATE	SIG_HDCP	DIM_INPUT	DIM_IN_PLUG	NONE	NONE	NONE	NO ENUM (see Min / Max values)	IShdc	IShdc	0	1	0	1
		Comment	(READ ONLY) HDCP compliance status for this input and plug						Value Description		1 = HDCP detected			
	OUTPUT HDCP STATE	OUT_ISHDCP	DIM_OUTPUT	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	OUIhc	OUIhc	0	1	0	1
		Comment	(READ ONLY) HDCP status for this output plug						Value Description		1 = the signal on this plug is crypted with HDCP			
	MONITORING HDCP STATE	MOU_ISHDCP	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MOIhc	MOIhc	0	1	0	1
		Comment	HDCP status for this monitoring						Value Description		1 = the signal on this plug is crypted with HDCP			

Category	Sub Category	Command Name	1st Index Dimension	2nd Index Dimension	3rd Index Dimension	4th Index Dimension	5th Index Dimension	Command Value or Enumeration	Command	Response	Min Value	Max Value	Default Value	VER_VAR Version
MONITORING	FULLSCREEN	MONITORING_FULLSCREEN_ENABLE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MLfen	MLfen	0	1	0	1
		Comment	Monitoring fullscreen mode enable						Value Description		0 = mosaic mode, 1 = fullscreen mode			
	FULLSCREEN	MONITORING_FULLSCREEN_SOURCE	DIM_DEVICE	NONE	NONE	NONE	NONE	ENUM_MONITORING_ELEMENT_SOURCES	MLfes	MLfes	IN_1 (0)	P8 (55)	IN_1 (0)	1
		Comment	Monitoring source in fullscreen mode						Value Description					
	WIDGETS	MONITORING_CUSTOM_ELEMENT_SOURCE	DIM_DEVICE	DIM_MONITORING_ELEMENT	NONE	NONE	NONE	ENUM_MONITORING_ELEMENT_SOURCES	MLces	MLces	IN_1 (0)	P8 (55)	IN_1 (0)	1
		Comment	Monitoring sources in mosaic mode						Value Description					
	UPDATE	MONITORING_UPDATE	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MLupd	MLupd	0	1	0	1
		Comment	Monitoring update, applies changes						Value Description		1 = update, automatically returns to 0			
	UPDATE	MONITORING_UPDATE_STATUS	DIM_DEVICE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MLups	MLups	0	1	0	1
		Comment	Monitoring update status						Value Description		1 = busy			
	PRESET RECALL	MON_MEM_LOAD	DIM_MON_MEM_SET	DIM_DEVICE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMloa	MMloa	0	1	0	2
		Comment	Monitoring layout load request						Value Description		1 = request to load			
	PRESET RECALL	MON_MEM_OUTPUT_WIDTH	DIM_MON_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMouw	MMouw	0	65536	0	2
		Comment	(READ ONLY) output size H in pixel status for monitoring layout memory						Value Description		Unit is pixel			
	PRESET RECALL	MON_MEM_OUTPUT_HEIGHT	DIM_MON_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMouh	MMouh	0	65536	0	2
		Comment	(READ ONLY) output size V in pixel status for monitoring layout memory						Value Description		Unit is line			
	PRESET RECALL	MON_MEM_MAX_WIDGETS	DIM_MON_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMmax	MMmax	0	12	0	2
		Comment	(READ ONLY) max widget status for monitoring layout memory						Value Description					
	PRESET SAVE	MON_MEM_SAVE	DIM_DEVICE	DIM_MON_MEM_SET	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMsav	MMsav	0	1	0	2
		Comment	save monitoring layout memory						Value Description					
	PRESET RESET	MON_MEM_RESET	DIM_MON_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	MMres	MMres	0	1	0	2
		Comment	reset monitoring layout memory						Value Description					

Category	Sub Category	Command Name	1st Index Dimension	2nd Index Dimension	3rd Index Dimension	4th Index Dimension	5th Index Dimension	Command Value or Enumeration	Command	Response	Min Value	Max Value	Default Value	VER_VAR Version
CONFIDENCE MONITOR	PRESET RECALL	CONFIDENCE_MEM_LOAD	DIM_CONFIDENCE_MEM_SET	DIM_SCREEN	NONE	NONE	NONE	NO ENUM (see Min / Max values)	CMloa	CMloa	0	1	0	10
		Comment	confidence memory load request						Value Description: 1 request to load					
	PRESET SAVE	CONFIDENCE_MEM_SAVE	DIM_SCREEN	DIM_CONFIDENCE_MEM_SET	NONE	NONE	NONE	NO ENUM (see Min / Max values)	CMsav	CMsav	0	1	0	10
		Comment	save confidence memory						Value Description: 1 request to save					
	PRESET RESET	CONFIDENCE_MEM_RESET	DIM_CONFIDENCE_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	CMres	CMres	0	1	0	10
		Comment	reset a confidence memory						Value Description: 1 request to reset					
	PRESET VALIDITY	CONFIDENCE_MEM_IS_VALID	DIM_CONFIDENCE_MEM_SET	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	CMval	CMval	0	1	0	10
		Comment	(READ ONLY) "confidence memory" validity (status)						Value Description:					
	ACTIVATION	OSCREEN_IS_CONFIDENTIAL	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	SCico	SCico	0	1	0	1
		Comment	Activation of the confidential mode						Value Description: 1 : screen is confidential					
	UPDATE	CONFIDENTIAL_UPDATE	NONE	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	COupd	COupd	1	1	1	1
		Comment	"confidential" data update						Value Description:					
	LAYOUT	SCREEN_CONFIDENTIAL_LAYOUT	DIM_SCREEN	NONE	NONE	NONE	NONE	ENUM_CONFIDENTIAL_LAYOUT	COlay	COlay	DISABLE (0)	4W_SPLIT_VERTICAL_RIGHT GHT (14)	DISABLE (0)	1
		Comment	Layout with 1 to 4 sources displayed						Value Description:					
	SOURCES	SCREEN_CONFIDENTIAL_SOURCE_1	DIM_SCREEN	NONE	NONE	NONE	NONE	ENUM_CONFIDENTIAL_SOURCE	COsca	COsca	NONE (0)	S8_PREVIEW (56)	NONE (0)	1
		Comment	First source, displayed on the confidence screen						Value Description:					
	SOURCES	SCREEN_CONFIDENTIAL_SOURCE_2	DIM_SCREEN	NONE	NONE	NONE	NONE	ENUM_CONFIDENTIAL_SOURCE	COscb	COscb	NONE (0)	S8_PREVIEW (56)	NONE (0)	1
		Comment	second source, displayed on the confidence screen						Value Description:					
	SOURCES	SCREEN_CONFIDENTIAL_SOURCE_3	DIM_SCREEN	NONE	NONE	NONE	NONE	ENUM_CONFIDENTIAL_SOURCE	COscc	COscc	NONE (0)	S8_PREVIEW (56)	NONE (0)	1
		Comment	Third source, displayed on the confidence screen						Value Description:					
	SOURCES	SCREEN_CONFIDENTIAL_SOURCE_4	DIM_SCREEN	NONE	NONE	NONE	NONE	ENUM_CONFIDENTIAL_SOURCE	COscd	COscd	NONE (0)	S8_PREVIEW (56)	NONE (0)	1
		Comment	4th source, displayed on the confidence screen						Value Description:					
	VALIDITY	SCREEN_CONFIDENTIAL_IS_VALID	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	COsva	COsva	0	1	1	1
		Comment	(READ ONLY) Confidence screen status						Value Description: 1 = valid					
	VALIDITY	SCREEN_CONFIDENTIAL_RESOURCE_COUNT	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	COrec	COrec	0	255	0	7
		Comment	(READ ONLY) Number of resources used in the confidence screen						Value Description:					
	VALIDITY	SCREEN_CONFIDENTIAL_RESOURCE_MAX	DIM_SCREEN	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	COrem	COrem	0	255	0	7
		Comment	(READ ONLY) Number of resources usable in the confidence screen						Value Description:					

Category	Sub Category	Command Name	1st Index Dimension	2nd Index Dimension	3rd Index Dimension	4th Index Dimension	5th Index Dimension	Command Value or Enumeration	Command	Response	Min Value	Max Value	Default Value	VER_VAR Version
LABELS	INPUT NAME	INPUT_LABEL Comment	DIM_INPUT Input label string	DIM_IN_PLUG	DIM_STRING_16CHARS	NONE	NONE	NO ENUM (see Min / Max values)	LBInp	LBInp	0	126	0	1
	FRAME NAME	LARGE_STILL_LABEL Comment	DIM_LARGE_STILLS Large still label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBLS	LBLS	0	126	0	1
	LOGO NAME	REDUCED_STILL_LABEL Comment	DIM_REDUCED_STILLS Reduced still label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBRdS	LBRdS	0	126	0	1
	OUTPUT NAME	OUTPUT_LABEL Comment	DIM_OUTPUT Output label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBOut	LBOut	0	126	0	1
	MONITORING NAME	MONITORING_LABEL Comment	DIM_DEVICE Monitoring label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBMon	LBMon	0	126	0	1
	MONITORING MEMORY NAME	MONITORING_MEM_LABEL Comment	DIM_MON_MEM_SET Monitoring memory label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBMMo	LBMMo	0	126	0	2
	CONFIDENCE MEMORY NAME	CONFIDENCE_MEM_LABEL Comment	DIM_CONFIDENCE_MEM_SET "confidence memory" label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	CMLab	CMLab	0	126	0	10
	SCREEN NAME	SCREEN_LABEL Comment	DIM_SCREEN Screen label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBScr	LBScr	0	126	0	1
	PRESET MEMORY NAME	PEMEM_LABEL Comment	DIM_PE_MEMORY Preset memory label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBPMo	LBPMo	0	126	0	1
	MASTER PRESET MEMORY NAME	PESMEM_LABEL Comment	DIM_PES_MEMORY Master preset memory label string	DIM_STRING_16CHARS	NONE	NONE	NONE	NO ENUM (see Min / Max values)	LBPSe	LBPSe	0	126	0	1
	INPUT SIGNAL NAME	SIG_CURRENT_FORMAT_NAME Comment	DIM_INPUT (READ ONLY) Name of the current format in ASCII	DIM_IN_PLUG	DIM_STRING	NONE	NONE	NO ENUM (see Min / Max values)	IScfn	IScfn	0	255	(78,79,32,86,65,76,73,68,32,83,73,71,78,65,76,0)	1
									Value Description					

Category	Sub Category	Command Name	1st Index Dimension	2nd Index Dimension	3rd Index Dimension	4th Index Dimension	5th Index Dimension	Command Value or Enumeration	Command	Response	Min Value	Max Value	Default Value	VER_VAR Version
GPIO	GPI	GPIO_IN_AVAILABLE Comment	DIM_GPI (READ ONLY) Informs if the GPI is available	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GPIav	GPIav	0	1	0	1
	GPI	GPIO_IN_STATUS Comment	DIM_GPI (READ ONLY) Status of the input (active or not)	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GPIst	GPIst	0	1	0	1
	GPI	GPIO_IN_MODE Comment	DIM_GPI GPI mode	NONE	NONE	NONE	NONE	ENUM_GPI_MODE	GPImo	GPImo	FREE (0)	TAKE (1)	FREE (0)	2
	GPI	GPIO_IN_TAKE_SCREEN Comment	DIM_GPI Screen to take when GPI is in "TAKE" mode	DIM_SCREEN	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GPIts	GPIts	0	1	0	2
	GPO	GPIO_OUT_AVAILABLE Comment	DIM_GPO (READ ONLY) Informs if the GPO is available	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GPOav	GPOav	0	1	0	1
	GPO	GPIO_OUT_COMMAND Comment	DIM_GPO Should be written only in "Free GPO Mode", to activate or not the GPO Can be read in Tally mode, to know the Tally state	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	GPOfa	GPOfa	0	1	0	1
	GPO	GPIO_OUT_MODE Comment	DIM_GPO GPO mode, either generic GPO or TALLY output modes	NONE	NONE	NONE	NONE	ENUM_GPO_MODE	GPOmo	GPOmo	FREE (0)	TALLY_AFTER_TRANSITION (2)	FREE (0)	2
	TALLY	GPIO_OUT_TALLY_INPUT Comment	DIM_GPO In TALLY mode, sets the triggering inputs and screens for the Tally output	DIM_SCREEN	DIM_INPUTLAYER	NONE	NONE	NO ENUM (see Min / Max values)	GPOti	GPOti	0	1	0	2
	TALLY	INPUT_ON_PROGRAM Comment	DIM_INPUTLAYER (READ ONLY) TRUE if the input is used in a program	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TAopr	TAopr	0	1	0	8
	TALLY	INPUT_ON_PREVIEW Comment	DIM_INPUTLAYER (READ ONLY) TRUE if the input is used in a preview	NONE	NONE	NONE	NONE	NO ENUM (see Min / Max values)	TAopw	TAopw	0	1	0	8

Name	Type	Min Value	Max Value	Comments	VER_VAR Version
DIM_DEVICE	ENUM_DEVICE	MASTER	SLAVE	device dimension (Master/Slave)	1
DIM_MACFIELD	NONE (see Min / Max values)	0	5	List of Mac address fields	1
DIM_SCREEN	ENUM_SCREEN	S1	S8	Screens dimension	1
DIM_PRESET_MODE	ENUM_PRESET_MODE	MAIN	PREVIEW	Program/Preview dimension	1
DIM_PRESET	ENUM_PRESET	PA	PC	List of Presets	1
DIM_PE_MEMORY	NONE (see Min / Max values)	0	143	preset memories dimension	1
DIM_PES_MEMORY	NONE (see Min / Max values)	0	143	master preset memories dimension	1
DIM_LAYER	ENUM_LAYER	L1	L24	Layers dimension	1
DIM_INPUT	ENUM_INPUT	IN_1	IN_24	Live inputs dimension	1
DIM_IN_PLUG	ENUM_IN_PLUG	ANALOG_HD15	DISPLAY_PORT	Plugs dimension	1
DIM_LARGE_STILLS	ENUM_LARGE_STILLS	1	4	Frames dimension	1
DIM_REDUCED_STILLS	ENUM_REDUCED_STILLS	1	4	Logos dimension	1
DIM_OUTPUT	ENUM_OUTPUT	OUTPUT_1	OUTPUT_8	Outputs dimension	1
DIM_MONITORING_ELEMENT	NONE (see Min / Max values)	0	11	Monitoring windows dimension	1
DIM_MON_MEM_SET	NONE (see Min / Max values)	0	7	Monitoring layout dimension	1
DIM_CONFIDENCE_MEM_SET	NONE (see Min / Max values)	0	15	Confidence memory dimension	1
DIM_STRING_16CHARS	NONE (see Min / Max values)	0	15	16 characters string dimension	1
DIM_STRING	NONE (see Min / Max values)	0	15	String dimension	1
DIM_GPI	ENUM_GPI	1	2	General Purpose inputs	1
DIM_GPO	ENUM_GPO	1	10	General Purpose outputs	1
DIM_INPUTLAYER	ENUM_INPUTLAYER	NONE	COLOR	List of inputs that can go into a layer	1

Name	Value Name	Values	Description	Comments	VER_VAR Version
ENUM_DEV	ORX 1	97	NeXtage 16	Devices list	1
	ORX 2	98	SmartMatrix Ultra		
	ORX 3	99	Ascender 32		
	ORX 4	100	Ascender 48		
	LOE 16	102	Output Expander 16		
	LOE 32	103	Output Expander 32		
	LOE 48	104	Output Expander 48		
	NXT1604_4K	105	NeXtage 16 4K		
	SMX12x4_4K	106	SmartMatrix Ultra 4K		
	ASC3204 4K	107	Ascender 32 4K		
	ASC4806 4K	108	Ascender 48 4K		
	LOE016 4K	109	Output Expander 16 4K		
	LOE032 4K	110	Output Expander 32 4K		
	LOE048 4K	111	Output Expander 48 4K		
	ASC016	112	Ascender 16		
	ASC016 4K	113	Ascender 16 4K		
	ASC048 PL	114	Ascender 48 4K PL		
	LOE48_PL	115	Output Expander 48 4K PL		
	NXT0802	116	NeXtage 8		
ENUM_DEVICE_OPERATION_STATE	NXT0802 4K	117	NeXtage 8 4K	List of device operation states	1
	ASC032 PL	118	Ascender 32 4K PL		
	LOE032 PL	119	Output Expander 32 4K PL		
	UNKNOWN	0	Unknown device state		
	INITIALIZING	1	Initializing device		
	RECALL	2	Recalling memory (internal memory or configuration file)		
ENUM_DIESE_REQUEST	COUPLING	3	Coupling in progress	List of Diese possible requests	1
	FACTORY RESET	4	Factory reset in progress		
	UPDATING	5	Update in progress		
	READY	255	Device is ready		
ENUM_DEVICE	NONE	0	No Diese request is pending	Select always the master device in additive configuration	1
	ALL	1	The device will dump all its command values (all index values)		
	DIFFERENT FROM DEFAULTS	2	The device will dump all its command values except those having the default value		
	COMPATIBLE MODE	3	Same as "DIFFERENT FROM DEFAULTS" except that commands with multiple default values are dumped even if they have the default value		
ENUM_DEVICE	MASTER	0	Master device selection	List of Shutdown device	1
	SLAVE	1	Slave device selection		
ENUM_SHUTDOWN	NONE	0	Idle	List of port types	5
	SHUTDOWN	1	Shutdown of device		
	SHUTDOWN AND WOL	2	Shutdown of device and Enable Wake On LAN		
ENUM_PORT_TYPE	AWP	0	port is AWP (standard port)	List of temperature alarm levels	1
	TPP	1	port is for TPP (simplified third party controllers)		
	WEBRCS	2	port is for WebRCS (reserved)		
	TOUCHPAD	3	port is for AW Touch applications (reserved)		
	VERTIGE	4	port is for Vertige Controller (reserved)		
ENUM_TEMP_ALARM_LVL	NONE	0	No temperature alarm	Screens List	1
	PREVENTIVE	1	Preventive temperature alarm level		
	FORCE_STANDBY	2	Dangerous temperature alarm level, standby requested		
ENUM_SCREEN	S1	0	Screen 1	Program/Preview list	1
	S2	1	Screen 2		
	S3	2	Screen 3		
	S4	3	Screen 4		
	S5	4	Screen 5		
	S6	5	Screen 6		
	S7	6	Screen 7		
	S8	7	Screen 8		
ENUM_PRESET_MODE	MAIN	0	Program output	List of Native Sets	1
	PREVIEW	1	Preview output		
ENUM_NATIVE_SET	NONE	0	No Set	Preset List	1
	1	1	Set 1		
	2	2	Set 2		
	3	3	Set 3		
	4	4	Set 4		
	5	5	Set 5		
	6	6	Set 6		
	7	7	Set 7		
ENUM_PRESET	8	8	Set 8		
	PA	0	Preset A		
	PB	1	Preset B		
ENUM_PRESET	PC	2	Preset C		

ENUM_PEMEM_CATEGORY	NONE	0	no element is copied when loading Preset or Master Preset memory	List of preset elements that are copied during preset memory load or master preset memory load Compute the filter by adding values from 1 to 1024	1
	INPUTNUM	1	source category is copied when loading Preset or Master Preset memory		
	POSSIZE	2	position and size categories are copied when loading Preset or Master Preset memory		
	TRANSPARENCY	4	transparency category is copied when loading Preset or Master Preset memory		
	CROP	8	crop category is copied when loading Preset or Master Preset memory		
	BORDER	16	border category is copied when loading Preset or Master Preset memory		
	TRANSITIONS	32	transitions category is copied when loading Preset or Master Preset memory		
	EFFECTS	64	effects category is copied when loading Preset or Master Preset memory		
	TIMING	128	timing category is copied when loading Preset or Master Preset memory		
	SPEED	256	speed category is copied when loading Preset or Master Preset memory		
	FLYINGCURVE	512	flying curve category is copied when loading Preset or Master Preset memory		
	NATIVE	1024	native bkg category is copied when loading Preset or Master Preset memory		
	MASK	2048	mask category is copied when loading Preset or Master Preset memory		
	ALL	4095	All categories are copied when loading Preset or Master Preset memory		
ENUM_MASTER_PRESET_VALIDITY	NOT_VALID	0	master preset screen memory not valid (empty)	Master Preset validity	11
	SCREEN_MEMORY	1	master preset screen memory valid for preset screens		
	CONFIDENCE_MEMORY	2	master preset screen memory valid for confidence screens		
ENUM_MASTER_PRESET_SAVE_MODE	IDLE	0	no save operation	Master Preset save Mode	1
	MANUAL	1	screen memories are selected by user		
	AUTO	2	screen memories are auto allocated by device		
ENUM_LAYER	L1	0	Layer 1	Layers List	1
	L2	1	Layer 2		
	L3	2	Layer 3		
	L4	3	Layer 4		
	L5	4	Layer 5		
	L6	5	Layer 6		
	L7	6	Layer 7		
	L8	7	Layer 8		
	L9	8	Layer 9		
	L10	9	Layer 10		
	L11	10	Layer 11		
	L12	11	Layer 12		
	L13	12	Layer 13		
	L14	13	Layer 14		
	L15	14	Layer 15		
	L16	15	Layer 16		
	L17	16	Layer 17		
	L18	17	Layer 18		
	L19	18	Layer 19		
	L20	19	Layer 20		
	L21	20	Layer 21		
	L22	21	Layer 22		
	L23	22	Layer 23		
	L24	23	Layer 24		

ENUM_INPUTLAYER	NONE	0	No input	List of Inputs assignable on Layers	1
	LIVE_1	1	Input 1 of Master Device		
	LIVE_2	2	Input 2 of Master Device		
	LIVE_3	3	Input 3 of Master Device		
	LIVE_4	4	Input 4 of Master Device		
	LIVE_5	5	Input 5 of Master Device		
	LIVE_6	6	Input 6 of Master Device		
	LIVE_7	7	Input 7 of Master Device		
	LIVE_8	8	Input 8 of Master Device		
	LIVE_9	9	Input 9 of Master Device		
	LIVE_10	10	Input 10 of Master Device		
	LIVE_11	11	Input 11 of Master Device		
	LIVE_12	12	Input 12 of Master Device		
	LIVE_13	13	Input 1 of Slave Device		
	LIVE_14	14	Input 2 of Slave Device		
	LIVE_15	15	Input 3 of Slave Device		
	LIVE_16	16	Input 4 of Slave Device		
	LIVE_17	17	Input 5 of Slave Device		
	LIVE_18	18	Input 6 of Slave Device		
	LIVE_19	19	Input 7 of Slave Device		
	LIVE_20	20	Input 8 of Slave Device		
	LIVE_21	21	Input 9 of Slave Device		
	LIVE_22	22	Input 10 of Slave Device		
	LIVE_23	23	Input 11 of Slave Device		
	LIVE_24	24	Input 12 of Slave Device		
	STILL_1	25	Frame 1 of master device		
	STILL_2	26	Frame 2 of master device		
	STILL_3	27	Frame 3 of master device		
	STILL_4	28	Frame 4 of master device		
	STILL_5	29	Frame 1 of slave device		
	STILL_6	30	Frame 2 of slave device		
	STILL_7	31	Frame 3 of slave device		
	STILL_8	32	Frame 4 of slave device		
	REDUCED_1	33	Logo 1 of master device		
	REDUCED_2	34	Logo 2 of master device		
	REDUCED_3	35	Logo 3 of master device		
	REDUCED_4	36	Logo 4 of master device		
	REDUCED_5	37	Logo 1 of slave device		
	REDUCED_6	38	Logo 2 of slave device		
	REDUCED_7	39	Logo 3 of slave device		
	REDUCED_8	40	Logo 4 of slave device		
	COLOR	41	Color (or Black) fill the PiP		
ENUM_INPUT	IN_1	0	Input 1 of Master Device	List of Inputs	1
	IN_2	1	Input 2 of Master Device		
	IN_3	2	Input 3 of Master Device		
	IN_4	3	Input 4 of Master Device		
	IN_5	4	Input 5 of Master Device		
	IN_6	5	Input 6 of Master Device		
	IN_7	6	Input 7 of Master Device		
	IN_8	7	Input 8 of Master Device		
	IN_9	8	Input 9 of Master Device		
	IN_10	9	Input 10 of Master Device		
	IN_11	10	Input 11 of Master Device		
	IN_12	11	Input 12 of Master Device		
	IN_13	12	Input 1 of Slave Device		
	IN_14	13	Input 2 of Slave Device		
	IN_15	14	Input 3 of Slave Device		
	IN_16	15	Input 4 of Slave Device		
	IN_17	16	Input 5 of Slave Device		
	IN_18	17	Input 6 of Slave Device		
	IN_19	18	Input 7 of Slave Device		
	IN_20	19	Input 8 of Slave Device		
	IN_21	20	Input 9 of Slave Device		
	IN_22	21	Input 10 of Slave Device		
	IN_23	22	Input 11 of Slave Device		
	IN_24	23	Input 12 of Slave Device		
ENUM_IN_PLUG	ANALOG_HD15	0	Plug of analog type (HD15 socket)	List of plug for an input	1
	ANALOG_DVI	1	Plug of analog type (DVI-A socket)		
	DVI	2	Plug of DVI type (Single or dual link)		
	SDI	3	Plug of SDI type		
	HDMI	4	Plug of HDMI type		
	DISPLAY_PORT	5	Plug of DisplayPort type		

ENUM_IFORMAT_NAME	NONE	0	NONE	Name of the input format/standard	1
	INVALID	1	INVALID		
	UNKNOWN	2	UNKNOWN		
	SDTV_NTSC	3	SDTV_NTSC		
	SDTV_PAL	4	SDTV_PAL		
	SDTV_SECAM	5	SDTV_SECAM		
	SDTV_480i	6	SDTV_480i		
	SDTV_576i	7	SDTV_576i		
	EDTV_480p	8	EDTV_480p		
	EDTV_576p	9	EDTV_576p		
	HDTV_720p	10	HDTV_720p		
	HDTV_1035i	11	HDTV_1035i		
	HDTV_1080i	12	HDTV_1080i		
	HDTV_1080p	13	HDTV_1080p		
	HDTV_2K	14	HDTV_2048x1080 Cinema		
	CEA_240p	15	CEA861 720x240p		
	CEA_288p	16	CEA861 720x288p		
	CPU_640x350	17	CPU 640x350		
	CPU_640x400	18	CPU 640x400		
	CPU_720x400	19	CPU 720x400		
	CPU_640x480	20	CPU VGA		
	CPU_800x480	21	CPU WVGA 5/3		
	CPU_848x480	22	CPU WVGA		
	CPU_800x600	23	CPU SVGA		
	CPU_1280x600	24	CPU 1280x600		
	CPU_1280x720	25	CPU 720p RGB		
	CPU_1024x768	26	CPU XGA		
	CPU_1280x768	27	CPU WXGA		
	CPU_1360x768	28	CPU SWXGA		
	CPU_1366x768	29	CPU 1366x768		
	CPU_1280x800	30	CPU 800p RGB		
	CPU_1366x800	31	CPU SWXGA+		
	CPU_1152x864	32	CPU 1152x864		
	CPU_1440x900	33	CPU 900p RGB		
	CPU_1600x900	34	CPU 1600x900		
	CPU_1280x960	35	CPU 960p RGB		
	CPU_1280x1024	36	CPU SXGA		
	CPU_1360x1024	37	CPU SXGA3		
	CPU_1400x1050	38	CPU SXGA+		
	CPU_1680x1050	39	CPU WSXGA+		
	CPU_1920x1080	40	CPU 1080p RGB		
	CPU_2048x1080	41	CPU 2K		
	CPU_2048x1152	42	CPU QWXGA		
	CPU_1600x1200	43	CPU UXGA		
	CPU_1920x1200	44	CPU WUXGA		
	CPU_1792x1344	45	CPU 1792x1344		
	CPU_1856x1392	46	CPU 1856x1392		
	CPU_1920x1440	47	CPU 1920x1440		
	CPU_2560x1440	48	CPU WQHD		
	CPU_1920x2160	49	CPU 1920x2160		
	CPU_2048x2160	50	CPU 2048x2160		
	CPU_2048x1536	51	CPU QXGA		
	CPU_2560x1600	52	CPU WQXGA		
	CPU_3840x1080	53	CPU 3840x1080		
	CPU_4096x1080	54	CPU 4096x1080		
	CPU_CVT	55	CPU CVT Timing		
	CPU_GTF_5_4_RATIO	56	CPU GTF Timing with 5/4 aspect ratio		
	CPU_GTF_4_3_RATIO	57	CPU GTF Timing with 4/3 aspect ratio		
	CPU_GTF_16_10_RATIO	58	CPU GTF Timing with 16/10 aspect ratio		
	CPU_GTF_15_9_RATIO	59	CPU GTF Timing with 15/9 aspect ratio		
	CPU_GTF_16_9_RATIO	60	CPU GTF Timing with 16/9 aspect ratio		
	UHDTV_2160p	61	SMPTTE2036 3840 x 2160		
	CINEMA_4K	62	SMPTTE2036 4096 x 2160		
ENUM_AUTOCENTER_REQUEST	IDLE	0	All request have been executed	List of auto centering requests	1
	QUICK	1	Quick auto centering (Phase and Blankings, not pixels frequency)		
	ADVANCE	2	Advanced auto centering (pixel frequency, phase and blankings)		
ENUM_LARGE_STILLS	1	0	Frame 1 of Master Device	Frames list	1
	2	1	Frame 2 of Master Device		
	3	2	Frame 3 of Master Device		
	4	3	Frame 4 of Master Device		
ENUM_REDUCED_STILLS	1	0	Logo 1 of Master Device	Logos list	1
	2	1	Logo 2 of Master Device		
	3	2	Logo 3 of Master Device		
	4	3	Logo 4 of Master Device		

ENUM_OUTPUT	OUTPUT 1	0	Output 1 of Master Device	Outputs list	1
	OUTPUT 2	1	Output 2 of Master Device		
	OUTPUT 3	2	Output 3 of Master Device		
	OUTPUT 4	3	Output 4 of Master Device		
	OUTPUT_5	4	Output 1 of Slave Device		
	OUTPUT 6	5	Output 2 of Slave Device		
	OUTPUT 7	6	Output 3 of Slave Device		
	OUTPUT 8	7	Output 4 of Slave Device		
ENUM_MONITORING_ELEMENT_SOURCES	IN 1	0	Input 1 of Master Device	Monitoring element sources	1
	IN 2	1	Input 2 of Master Device		
	IN 3	2	Input 3 of Master Device		
	IN 4	3	Input 4 of Master Device		
	IN 5	4	Input 5 of Master Device		
	IN_6	5	Input 6 of Master Device		
	IN 7	6	Input 7 of Master Device		
	IN 8	7	Input 8 of Master Device		
	IN 9	8	Input 9 of Master Device		
	IN 10	9	Input 10 of Master Device		
	IN 11	10	Input 11 of Master Device		
	IN 12	11	Input 12 of Master Device		
	IN 13	12	Input 1 of Slave Device		
	IN 14	13	Input 2 of Slave Device		
	IN_15	14	Input 3 of Slave Device		
	IN 16	15	Input 4 of Slave Device		
	IN 17	16	Input 5 of Slave Device		
	IN 18	17	Input 6 of Slave Device		
	IN 19	18	Input 7 of Slave Device		
	IN 20	19	Input 8 of Slave Device		
	IN 21	20	Input 9 of Slave Device		
	IN 22	21	Input 10 of Slave Device		
	IN 23	22	Input 11 of Slave Device		
	IN 24	23	Input 12 of Slave Device		
	ST_1	24	Frame 1 of Master Device		
	ST 2	25	Frame 2 of Master Device		
	ST 3	26	Frame 3 of Master Device		
	ST 4	27	Frame 4 of Master Device		
	ST 5	28	Frame 1 of Slave Device		
	ST 6	29	Frame 2 of Slave Device		
	ST 7	30	Frame 3 of Slave Device		
	ST 8	31	Frame 4 of Slave Device		
	rST 1	32	Logo 1 of Master Device		
	rST 2	33	Logo 2 of Master Device		
	rST 3	34	Logo 3 of Master Device		
	rST 4	35	Logo 4 of Master Device		
	rST 5	36	Logo 1 of Slave Device		
	rST 6	37	Logo 2 of Slave Device		
	rST 7	38	Logo 3 of Slave Device		
	rST 8	39	Logo 4 of Slave Device		
	S1	40	screen 1		
	S2	41	screen 2		
	S3	42	screen 3		
	S4	43	screen 4		
	S5	44	screen 5		
	S6	45	screen 6		
	S7	46	screen 7		
	S8	47	screen 8		
	P1	48	preview 1		
	P2	49	preview 2		
	P3	50	preview 3		
	P4	51	preview 4		
	P5	52	preview 5		
	P6	53	preview 6		
	P7	54	preview 7		
	P8	55	preview 8		

ENUM_CONFIDENTIAL_LAYOUT	DISABLE	0	Confidential is turned off	List of Layout for 1 to 4 Sources displaying	1
	1W_FULLSCREEN	1	1 Window, full screen		
	2W_SPLIT_HORIZONTAL	2	2 Window, Horizontal split		
	2W_SPLIT_VERTICAL	3	2 Window, Vertical split		
	3W_SPLIT_HORIZONTAL	4	3 Windows, Horizontal split		
	3W_SPLIT_VERTICAL	5	3 Windows, Vertical split		
	3W_SPLIT_HORIZONTAL_TOP	6	3 Windows, Horizontal split, merged on top		
	3W_SPLIT_HORIZONTAL_BOTTOM	7	3 Windows, Horizontal split, merged on bottom		
	3W_SPLIT_VERTICAL_LEFT	8	3 Windows, Vertical split, merged on left		
	3W_SPLIT_VERTICAL_RIGHT	9	3 Windows, Vertical split, merged on right		
	4W_QUAD	10	4 Windows, Quad layout		
	4W_SPLIT_HORIZONTAL_TOP	11	4 Windows, Horizontal split, merged on top		
	4W_SPLIT_HORIZONTAL_BOTTOM	12	4 Windows, Horizontal split, merged on bottom		
	4W_SPLIT_VERTICAL_LEFT	13	4 Windows, Vertical split, merged on left		
	4W_SPLIT_VERTICAL_RIGHT	14	4 Windows, Vertical split, merged on right		
ENUM_CONFIDENTIAL_SOURCE	NONE	0	No input	List of Sources assignable on confidential screen	1
	LIVE_1	1	Input 1 of In card 1 of Master Device		
	LIVE_2	2	Input 2 of In card 1 of Master Device		
	LIVE_3	3	Input 3 of In card 1 of Master Device		
	LIVE_4	4	Input 4 of In card 1 of Master Device		
	LIVE_5	5	Input 1 of In card 2 of Master Device		
	LIVE_6	6	Input 2 of In card 2 of Master Device		
	LIVE_7	7	Input 3 of In card 2 of Master Device		
	LIVE_8	8	Input 4 of In card 2 of Master Device		
	LIVE_9	9	Input 1 of In card 3 of Master Device		
	LIVE_10	10	Input 2 of In card 3 of Master Device		
	LIVE_11	11	Input 3 of In card 3 of Master Device		
	LIVE_12	12	Input 4 of In card 3 of Master Device		
	LIVE_13	13	Input 1 of In card 1 of Slave Device		
	LIVE_14	14	Input 2 of In card 1 of Slave Device		
	LIVE_15	15	Input 3 of In card 1 of Slave Device		
	LIVE_16	16	Input 4 of In card 1 of Slave Device		
	LIVE_17	17	Input 1 of In card 2 of Slave Device		
	LIVE_18	18	Input 2 of In card 2 of Slave Device		
	LIVE_19	19	Input 3 of In card 2 of Slave Device		
	LIVE_20	20	Input 4 of In card 2 of Slave Device		
	LIVE_21	21	Input 1 of In card 3 of Slave Device		
	LIVE_22	22	Input 2 of In card 3 of Slave Device		
	LIVE_23	23	Input 3 of In card 3 of Slave Device		
	LIVE_24	24	Input 4 of In card 3 of Slave Device		
	STILL_1	25	Still picture 1 of master device		
	STILL_2	26	Still picture 2 of master device		
	STILL_3	27	Still picture 3 of master device		
	STILL_4	28	Still picture 4 of master device		
	STILL_5	29	Still picture 1 of slave device		
	STILL_6	30	Still picture 2 of slave device		
	STILL_7	31	Still picture 3 of slave device		
	STILL_8	32	Still picture 4 of slave device		
	REDUCED_1	33	Reduced still picture 1 of master device		
	REDUCED_2	34	Reduced still picture 2 of master device		
	REDUCED_3	35	Reduced still picture 3 of master device		
	REDUCED_4	36	Reduced still picture 4 of master device		
	REDUCED_5	37	Reduced still picture 1 of slave device		
	REDUCED_6	38	Reduced still picture 2 of slave device		
	REDUCED_7	39	Reduced still picture 3 of slave device		
	REDUCED_8	40	Reduced still picture 4 of slave device		
	S1_MAIN	41	Screen 1 Main		
	S2_MAIN	42	Screen 2 Main		
	S3_MAIN	43	Screen 3 Main		
	S4_MAIN	44	Screen 4 Main		
	S5_MAIN	45	Screen 5 Main		
	S6_MAIN	46	Screen 6 Main		
	S7_MAIN	47	Screen 7 Main		
	S8_MAIN	48	Screen 8 Main		
	S1_PREVIEW	49	Screen 1 Preview		
	S2_PREVIEW	50	Screen 2 Preview		
	S3_PREVIEW	51	Screen 3 Preview		
	S4_PREVIEW	52	Screen 4 Preview		
	S5_PREVIEW	53	Screen 5 Preview		
	S6_PREVIEW	54	Screen 6 Preview		
	S7_PREVIEW	55	Screen 7 Preview		
	S8_PREVIEW	56	Screen 8 Preview		

ENUM_GPI	1	0	General purpose input of master device	List of GPI	1
	2	1	General purpose input of slave device (dual ORX configuratiopn only)		
ENUM_GPI_MODE	FREE	0	Free GPI Mode	List of GPI modes	1
	TAKE	1	Take screen(s) GPI Mode		
ENUM_GPO	1	0	General purpose output 1 of master device	List of GPO	1
	2	1	General purpose output 2 of master device		
	3	2	General purpose output 3 of master device		
	4	3	General purpose output 4 of master device		
	5	4	General purpose output 5 of master device		
	6	5	General purpose output 1 of slave device (dual ORX configuration only)		
	7	6	General purpose output 2 of slave device (dual ORX configuration only)		
	8	7	General purpose output 3 of slave device (dual ORX configuration only)		
	9	8	General purpose output 4 of slave device (dual ORX configuration only)		
	10	9	General purpose output 5 of slave device (dual ORX configuration only)		
ENUM_GPO_MODE	FREE	0	Free GPO Mode	List of GPO modes	1
	TALLY BEFORE TRANSITION	1	Tally GPO Mode (gpo changes during take event)		
	TALLY AFTER TRANSITION	2	Tally GPO Mode (gpo changes after take event)		