



This document consolidates the Direct Control API commands, command-to-status mappings, and response fields supplied for the Vx610 Series. Use the model columns in each table to confirm whether a command or response field applies to the target device. Commands marked Hidden are administrative or protected operations in the source documentation.

Model coverage

Model	Device role	Listed commands	getStatus fields	getNetStatus fields	Source qualification
VE-610	Encoder	80	46	14	Pilot source
VD-610	Decoder / Wall Plate	99	57	14	Pilot source

Command reference

Command	Parameters	Example	Notes
?	none	?\r	Shows example external commands
help	none	help\r	Shows example external commands
getStatus	none	getStatus\r	Returns current status for settings (refer to API guide for response parameters)
getNetStatus	none	getNetStatus\r	Network diagnostics output
setSettings:name	string	setSettings:name:2400Enc\r	Set device name for unit.
setSettings:syncDeviceName	on off	setSettings:syncDeviceName:on\r	Device name synchnize to H-Control and Dante Device Name.
setSettings:advancedWebMode	on off	setSettings:advancedWebMode:off\r	Enable/Disables advanced web page.Default setting is off.
setSettings:factoryRestore:factoryRestore	none	setSettings:factoryRestore:factoryRestore\r	
setSettings:reboot:reboot	none	setSettings:reboot:reboot\r	
cmdhistreset:all	all	cmdhistreset:all\r	Resets the history log of commands. (follow N2400)
settingslock	on off	settingslock:<on off>\r	set Management Lock/Unlock . Same behavior as WEBProc:Lock: <on off>
setSettings:debugMode	on off	setSettings:debugMode:<on off>\r	debugMode On/Off . Same Behavior as WEBProc:startlog and WEBProc:endlog
debugLog	none	debugLog\r	Download debug log file
rtc	<YYYY:MM1:WD:DD:HH:MM2:SS>	rtc:YYYY:MM1:WD:DD:HH:MM2:SS, rtc:2022:9:4:15:11:06:30\r	parameters: YYYY:MM1:WD:DD:HH:MM2:SS YYYY: Year (20XX) MM1: Month (1 - 12) WD: Week date (0- 6, 0=Sunday, ... 6=Saturday) DD: Day (1 - 31) HH: Hour (0 - 23) MM2: Minute (0 - 59) SS: Second (0 - 59)
mute	none	mute\r	
unmute	none	unmute\r	
setSettings:audioSource	<hdmi analog dante>	setSettings:audioSource:hdmi\r	Set the Encoder Audio source.
vmute	none	vmute\r	Video mute (follow N2400)
vunmute	none	vunmute\r	Video unmute (follow N2400)
setSettings:OSDMenu	on off	setSettings:OSDMenu:<on off>\r	OSD Commands on On/Off. Same Behavior as WEBProc:osdMenu: <on off>
setSettings:Preview	on off	setSettings:Preivew:<on off>\r	Preview Commands on On/Off. Same Behavior as WEBProc:preview: <on off>

Command	Parameters	Example	Notes
			off>
setSettings:setEdid	<port>:<EDID bin code>	setSettings:setEdid:htmi1:00, FF, FF, 05, 14, 04, 13, 03, ..., 00, 00, B7\r	Set a binary EDID code to HDMI/USBC input port, the ports are defined as: hdmi / usbc for VE-660, VE-630 hdmi1 / hdmi2 for VE-330
setSettings:readLocalEdid	<port>	setSettings:readLocalEdid:hdmi\r	Used to read the EDID in sink which is connected the DEC output port or ENC pass-through port, same as the operation on EDID webpage. the ports are defined as: hdmi for output sink of DEC passThru for pass through sink of ENC
setSettings:resetEdid	<Port>:<EDID index>	setSettings:resetEdid:hdmi1:1\r	Used to reset the default EDID template from the EDID list to HDMI/USBC input port. WP port: hdmi usbc Base+ and H265 port: hdmi1 hdmi2 EDID index is defined as: 0=Custom 1=Stereo (2 Channel) 2=MultiChannel(7.1 Channel) 3=Stereo(2 channel 4K@60 4:2:0) 4=MultiChannel(4K@60 4:2:0) 5=MultiChannel(4K@60 4:4:4),HDR 6=Ultra-wide(3440x1440) 7=Ultra-wide(3840x1080) 8=MultiChannel(4K@30 4:4:4),HDR
setSettings:HDCPAdvertising	2.2 1.x off	setSettings:HDCPAdvertising:off\r	Set HDCP advertising on encoder, default is 2.2
setSettings:setStream	integer 0-32639	setSettings:setStream:100\r	
live	none	live\r	
local	integer <playlist number>	local:1\r	Only one playlist exist on thie model.
txdisable	none	txdisable\r	Encoder TX enable (follow N2400)
txenable	none	txenable\r	Encoder TX disable (follow N2400)
setSettings:encodeMode	mwc danteAV	setSettings:encodeMode:mwc\r	WP and VE-210 Enc can stream out one of mode below: mwc(SVSI stream) danteAV.
setSettings:gratuitousARP	on off	setSettings:gratuitousARP:on\r	
setSettings:gratuitousARPInterval	10 - 500, increments of 10	setSettings:gratuitousARPInterval:20\r	
setSettings:sendStatus	on off	setSettings:sendStatus:<on off>\r	Enable Send Status function
setSettings:statusIP	<IP address>	setSettings:statusIP:192.168.10.30\r	Sets the destination IP of Send Status function
setSettings:sendStatusInterval	10 - 500, increments of 10	setSettings:sendStatusInterval:10\r	
setSettings:enableDiscoveryPackets	on off	setSettings:enableDiscoveryPackets:<on off>\r	
setSettings:discoveryIntervalSec	1-60, increments of 1	setSettings:discoveryIntervalSec:10\r	
setSettings:dscp	2-255, increments of 1	setSettings:dscp:32\r	Set DSCP
setSettings:snmpEnable	on off	setSettings:snmpEnable:<on off>\r	Enable/Disable SNMP
setSettings:hostName	<string>	setSettings:hostName:VE-660-1\r	Set host name
setSettings:domainName	<string>	setSettings:domainName:bss.com\r	Set domain name
setSettings:ipdhcp	none	setSettings:ipdhcp\r	Set IP to DHCP mode
setSettings:ipset	<IP address,netmask,gateway>	setSettings:ipset:192168.10.30,255.255.255.0,192.168.10.1\r	Set static IP
setSettings>manualDNS	on off	setSettings>manualDNS:on\r	Enable manual DNS
setSettings:dnsserver	<1 2 3><IP address>	setSettings:dnsserver1:8.8.8.8\r	Set manual DNS servers with index and IP.
setSettings:igmpv3	on off	setSettings:igmpv3:on\r	Enable/Disable IGMP V3 support.
setSettings:ipv6Enable	on off	setSettings:ipv6Enable:<on off>\r	Enable/Disable IPv6
setSettings:ipv6DHCP	none	setSettings:ipv6DHCP\r	Set IPv6 to DHCP mode
setSettings:ipv6Addr	<IPv6 address>	setSettings:ipv6Addr:2001:db8::1\r	Set static IPv6
setSettings:ipv6Prefix	0 - 128	setSettings:ipv6Prefix:64\r	Set static IPv6 Prefix Length
setSettings:ipv6GW	<IPv6 address>	setSettings:ipv6GW:2001:db8::254\r	Set static IPv6 Gateway

Command	Parameters	Example	Notes
setSettings:ipsave	none	setSettings:ipsave\r	User send ipsave to trigger unit reboot to apply new IP setting.
setSettings:enableUserMCIP	on off	setSettings:enableUserMCIP:on\r	Multicast Address Override enable or disable for main stream
setSettings:userMCIPAddr	<multicast IP address>	setSettings:userMCIPAddr:239.253.0.0\r	User defined Multicast Address for overriding main stream. only the first two octets of multicast address is used for overriding, the last two octets is generated by stream ID. for example, Stream ID is 300, multicast is overridden by 239.254.0.0 as 239.254.2.87.
setSettings:vlanEnable	on off	setSettings:vlanEnable:on\r	Enable the VLAN function.
setSettings:vlanNumber	1-4094	setSettings:vlanNumber:240\r	Sets the VLAN ID. The valid <vlan number> range is 1-4094.
setSettings:vlanDHCP	none	setSettings:vlanDHCP\r	
setSettings:vlanIPSet	<IP address,netmask,gateway>	setSettings:vlanIPSet:192168.10.30,255.255.255.0,192.168.10.1\r	
setSettings:vlanManualDNS	on off	setSettings:vlanManualDNS:on\r	Enable VLAN manual DNS
setSettings:vlanDNSServer	< 1 2 3 ><IP address>	setSettings:vlanDNSServer1:8.8.8.8\r	Set VLAN DNS, support a DNS setting for H.26x currently.
setSettings:avaEnable	on off	setSettings:avaEnable:on\r	Enable software Dante AV-A feature in Aspeed For WP, only the units having Dante license have this setting.
setSettings:danteAudio	on off	setSettings:danteAudio:on\r	Enable or disable Dante Audio function.
setSettings:liveAudioHP	on off	setSettings:liveAudioHP:on\r	Input live audio with Host Play
setSettings:deleteImg	string <image file name>	setSettings:deleteImg:amx_logl.png	Delete the image in playlist DB of unit. It also delete the slide image which is included in a Playlist.
sendSer	string <command name>	sendSer:PowerOn\r	Send serial command via API command to serial port.
serSet	<serial settings> (multiple)	serSet:115200,8,1,2\r	Serial setting order is: baudrate, databits, parity, stop bits. Parity: 0=none, 1=odd, 2=even
setSettings:mainSerialMode	on off	setSettings:mainSerialMode:on\r	
setSettings:mainSerialIP	<IP address>	setSettings:mainSerialIP:169.254.20.100\r	
setSettings:timeZone	integer	setSettings:timeZone:2\r	0 = "(UTC-12:00) International Date Line West" 1 = "(UTC-11:00) Midway Island, Samoa" 2 = "(UTC-10:00) Hawaii" 3 = "(UTC-09:00) Alaska" 4 = "(UTC-08:00) Pacific Time (US & Canada & Tijuana)" 5 = "(UTC-07:00) Arizona" 6 = "(UTC-07:00) Chihuahua, La Paz, Mazatlan" 7 = "(UTC-07:00) Mountain Time (US & Canada)" 8 = "(UTC-06:00) Central America" 9 = "(UTC-06:00) Central Time (US & Canada)" 10 = "(UTC-06:00) Guadalajara, Mexico City, Monterrey" 11 = "(UTC-06:00) Saskatchewan" 12 = "(UTC-05:00) Bogota, Lima, Qutio" 13 = "(UTC-05:00) Eastern Time (US & Canada)" 14 = "(UTC-05:00) Indiana (East)" 15 = "(UTC-04:00) Atlantic Time (Canada)" 16 = "(UTC-04:00) Caracas, La Paz" 17 = "(UTC-04:00) Santiago" 18 = "(UTC-03:30) Newfoundland" 19 = "(UTC-03:00) Brasilia" 20 = "(UTC-03:00) Buenos Aires, Georgetown" 21 = "(UTC-03:00) Greenland" 22 = "(UTC-02:00) Mid-Atlantic" 23 = "(UTC-01:00) Azores" 24 = "(UTC-01:00) Cape Verde Is" 25 = "(UTC) Casablanca, Monrovia" 26 = "(UTC) Greenwich Mean Time (Dublin & Edinburgh & Lisbon & London)" 27 = "(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna" 28 = "(UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague" 29 = "(UTC+01:00) Brussels, Copenhagen, Madrid, Paris" 30 = "(UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb"

Command	Parameters	Example	Notes
			31 = "(UTC+01:00) West Central Africa" 32 = "(UTC+02:00) Athens, Beirut, Istanbul, Minsk" 33 = "(UTC+02:00) Bucharest" 34 = "(UTC+02:00) Cairo" 35 = "(UTC+02:00) Harare, Pretoria" 36 = "(UTC+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius" 37 = "(UTC+02:00) Jerusalem" 38 = "(UTC+03:00) Baghdad" 39 = "(UTC+03:00) Kuwait, Riyadh" 40 = "(UTC+03:00) Moscow, St. Petersburg, Volgograd" 41 = "(UTC+03:00) Nairobi" 42 = "(UTC+03:30) Tehran" 43 = "(UTC+04:00) Abu Dhabi, Muscat" 44 = "(UTC+04:00) Baku, Tbilisi, Yerevan" 45 = "(UTC+04:30) Kabul" 46 = "(UTC+05:00) Ekaterinburg" 47 = "(UTC+05:00) Islamabad, Karachi, Tashkent" 48 = "(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi" 49 = "(UTC+05:45) Kathmandu" 50 = "(UTC+06:00) Almaty, Novosibirsk" 51 = "(UTC+06:00) Astana, Dhaka" 52 = "(UTC+06:00) Sri Jayawardenepura" 53 = "(UTC+06:30) Rangoon" 54 = "(UTC+07:00) Bangkok, Hanoi, Jakarta" 55 = "(UTC+07:00) Krasnoyarsk" 56 = "(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi" 57 = "(UTC+08:00) Taipei" 58 = "(UTC+08:00) Irkutsk, Ulaan Batar" 59 = "(UTC+08:00) Kuala Lumpur, Singapore" 60 = "(UTC+08:00) Perth" 61 = "(UTC+09:00) Osaka, Sapporo, Tokyo" 62 = "(UTC+09:00) Seoul" 63 = "(UTC+09:00) Yakutsk" 64 = "(UTC+09:30) Adelaide" 65 = "(UTC+09:30) Darwin" 66 = "(UTC+10:00) Brisbane" 67 = "(UTC+10:00) Canberra, Melbourne, Sydney" 68 = "(UTC+10:00) Guam, Port Moresby" 69 = "(UTC+10:00) Hobart" 70 = "(UTC+10:00) Vladivostok" 71 = "(UTC+11:00) Magadan, Solomon Is, New Caledonia" 72 = "(UTC+12:00) Auckland, Wellington" 73 = "(UTC+12:00) Fiji, Kamchatka, Marshall Is" 74 = "(UTC+13:00) Nuku'alofa"
setSettings:dstEnable	on off	setSettings:dstEnable:on\r	Enable/Disable Day Light Saving Time.
setSettings:ntpServer	string<server name>:on off	setSettings:ntpServer:pool.ntp.org:on\r	Activate or Deactivate a existed NTP server name on webpage, default is pool.ntp.org.
setSettings:ntpServerName	string<server name>	setSettings:ntpServerName:myNTP\r	Add the server name for a NTP server
setSettings:ntpHostName	string<IP/hostname>	setSettings:ntpHostName:192.168.1.1\r	Add the IP or hostname for a NTP server
setSettings:ntpDescription	string	setSettings:ntpDescription:my local ntp\r	Add the description for a NTP server
setSettings:ntpAuthType	none md5 sha-1	setSettings:ntpAuthType:none\r	Add the authentication type for a NTP server
setSettings:ntpAuthKeyID	string	setSettings:ntpAuthKeyID:12345678\r	Add the authentication key ID for a NTP server
setSettings:ntpAuthSecret	string	setSettings:ntpAuthSecret:abcdefg\r	Add the authentication secret string for a NTP server
setSettings:deleteNtpServer	string<server name>	setSettings:deleteNtpServer:pool.ntp.org\r	Delete a NTP server
setSettings:ntpSave	none	setSettings:ntpSave\r	Save and activate NTP settings.
seta	integer 0-32639	seta:50\r	
setSettings:audioStream	bss dante h26x	setSettings:audioStream:dante\r	Base+ and WP DEC has <bss dante> options, H265 DEC has <bss dante

Command	Parameters	Example	Notes
scalerenable	none	scalerenable\r	h26x> options. Set decoder scaler enable
scalerdisable	none	scalerdisable\r	Set decoder scaler disable
modeset	<Mode name> (list in notes)	modeset:2160p60\r	Decoder scaler output resolution supported modes: auto 1080p24 1080p50 1080p60 1400x1050p60 1920x1200p60 2160p25 2160p30 2160p50 2160p60 2560x1440p60 2560x1600p60 720p50 720p60 1440x900p60 1366x768p60
setSettings:yuvout	auto on off	setSettings:yuvout:auto\r	Decoder YUV Output
hdmiOff	none	hdmiOff\r	Disables HDMI port
hdmiOn	none	hdmiOn\r	Enables HDMI port
CECPower	on off	CECPower:on\r	CEC Manual Power On/Off
set	integer 0-32639	set:55\r	
setSettings:holdLastFrame	on off	setSettings:holdLastFrame:on\r	Last frame is displayd if stream is lost
setSettings:hdmiOffLostStream	on off	setSettings:hdmiOffLostStream:on\r	HDMI Off on Stream Loss
setSettings:hdmiOffDelay	integer 0-1800, default 10	setSettings:hdmiOffDelay:10\r	HDMI will be off delaying seconds after stream is lost.
setSettings:localPlayHoldOff	integer 1-100, default 10	setSettings:localPlayHoldOff:10\r	The last frame holds seconds after stream is lost, then display the Local Play.
setSettings:receiveSrc	mwc h26X danteAV	setSettings:receiveSrc:mwc\r	Base+ can receive one of streams: MWC, H26X or DanteAV WP and VE-210 Enc can receive one of streams: MWC or DanteAV
setSettings:addEncoderList	string <Enc-1:StreamID-1>,<Enc-2:StreamID-2>,...	setSettings:addEncoderList:encName-1:123,encName-2:456\r	Add one or more ENCName:StreamID pair in list seperate with ",", apend into ENC list for DEC stream drip-list on home page and video page.
setSettings:delEncoderList	string <Enc-1>,<Enc-2>,...	setSettings:delEncoderList:encName-1,encName-2,encName-3\r	Delete one or more ENC by name in list for DEC.
setSettings:clrEncoderList	none	setSettings:clrEncoderList\r	Clear ENC list in DEC.
setSettings:igmpJoinsEnable	on off	setSettings:igmpJoinsEnable:on\r	Enables/disables unit to periodically send IGMP join requests when receive stream is lost.
setSettings:igmpJoinsInterval	1-60	setSettings:igmpJoinsInterval:15\r	Determines how often IGMP join requests are sent. The valid <seconds> range is 1-60.
setSettings:liveAudioLP	on off	setSettings:liveAudioLP:off\r	Input live audio with Local Play
setSettings:lpHoldoff	integer 1-100, default 10	setSettings:lpHoldoff:3\r	Hold seconds to display the Local Play in DEC.
setSettings:wallEnable	on off	setSettings:wallEnable:on\r	Sent at same time as other wall commands
setSettings:wallStretch	auto stretch fit	setSettings:wallStretch:auto\r	Sent at same time as other wall commands.
setSettings:wallHShift	integer 0-64	setSettings:wallHShift:2\r	Sent at same time as other wall commands. Bezel adjust horizontal
setSettings:wallVShift	integer 0-64	setSettings:wallVShift:4\r	Sent at same time as other wall commands. Bezel adjust vertical
setSettings:videoWallHorVer	<A,B,C,D> in Integer 1-16	setSettings:videoWallHorVer:4,4,1,2\r	one command to set the number of row and column for video wall, and selected the position of row and column to display: A: Wall Dimension Row B: Wall Dimension Columns C: Current Wall Position Row D: Current Wall Position Columns

Command to status mapping

Command	Parameters	Example	getStatus fields	getNetStatus fields
?	none	?\r	—	—
help	none	help\r	—	—
getStatus	none	getStatus\r	ALL	—
getNetStatus	none	getNetStatus\r	—	ALL
setSettings:name	string	setSettings:name:2400Enc\r	NAME	NAME
setSettings:syncDeviceName	on off	setSettings:syncDeviceName:on\r	—	—
setSettings:advancedWebMode	on off	setSettings:advancedWebMode:off\r	—	—
setSettings:factoryRestore:factoryRestore	none	setSettings:factoryRestore:factoryRestore\r	—	—
setSettings:reboot:reboot	none	setSettings:reboot:reboot\r	—	—
cmdhistreset:all	all	cmdhistreset:all\r	—	—
settingslock	on off	settingslock:<on off>\r	SLOCK	—
setSettings:debugMode	on off	setSettings:debugMode:<on off>\r	—	—
debugLog	none	debugLog\r	—	—
rtc	<YYYY:MM1:WD:DD:HH:MM2:SS>	rtc:YYYY:MM1:WD:DD:HH:MM2:SS, rtc:2022:9:4:15:11:06:30\r	—	—
mute	none	mute\r	MUTE	—
unmute	none	unmute\r	MUTE	—
setSettings:audioSource	<hdmi analog dante>	setSettings:audioSource:hdmi\r	AUDIOSRC	—
vmute	none	vmute\r	VMUTE	—
vunmute	none	vunmute\r	VMUTE	—
setSettings:OSDMenu	on off	setSettings:OSDMenu:<on off>\r	—	—
setSettings:Preview	on off	setSettings:Preivew:<on off>\r	—	—
setSettings:setEdid	<port>:<EDID bin code>	setSettings:setEdid:htmi1:00, FF, FF, 05, 14, 04, 13, 03, ..., 00, 00, B7\r	—	—
setSettings:readLocalEdid	<port>	setSettings:readLocalEdid:hdmi\r	—	—
setSettings:resetEdid	<Port>:<EDID index>	setSettings:resetEdid:hdmi1:1\r	—	—
setSettings:HDCPAdvertising	2.2 1.x off	setSettings:HDCPAdvertising:off\r	—	—
setSettings:setStream	integer 0-32639	setSettings:setStream:100\r	STREAM	—
live	none	live\r	PLAYMODE	—
local	integer <playlist number>	local:1\r	PLAYMODE, PLAYLIST	—
txdisable	none	txdisable\r	PLAYMODE	—
txenable	none	txenable\r	PLAYMODE	—
setSettings:encodeMode	mwc danteAV	setSettings:encodeMode:mwc\r	—	—
setSettings:gratuitousARP	on off	setSettings:gratuitousARP:on\r	—	—
setSettings:gratuitousARPInterval	10 - 500, increments of 10	setSettings:gratuitousARPInterval:20\r	—	—
setSettings:sendStatus	on off	setSettings:sendStatus:<on off>\r	STATUSEN	—
setSettings:statusIP	<IP address>	setSettings:statusIP:192.168.10.30\r	STATUSIP	—
setSettings:sendStatusInterval	10 - 500, increments of 10	setSettings:sendStatusInterval:10\r	—	—
setSettings:enableDiscoveryPackets	on off	setSettings:enableDiscoveryPackets:<on off>\r	—	—
setSettings:discoveryIntervalSec	1-60, increments of 1	setSettings:discoveryIntervalSec:10\r	—	—
setSettings:dscp	2-255, increments of 1	setSettings:dscp:32\r	—	—
setSettings:snmpEnable	on off	setSettings:snmpEnable:<on off>\r	—	—
setSettings:hostName	<string>	setSettings:hostName:VE-660-1\r	—	—
setSettings:domainName	<string>	setSettings:domainName:bss.com\r	—	—
setSettings:ipdhcp	none	setSettings:ipdhcp\r	IPMODE	—
setSettings:ipset	<IP address,netmask,gateway>	setSettings:ipset:192168.10.30,255.255.255.0,192.168.10.1\r	IP, NM, GW, IPMODE	IP, NM, GW
setSettings:manualDNS	on off	setSettings:manualDNS:on\r	—	—
setSettings:dnsserver	<1 2 3><IP address>	setSettings:dnsserver1:8.8.8.8\r	—	—
setSettings:igmpv3	on off	setSettings:igmpv3:on\r	—	—
setSettings:ipv6Enable	on off	setSettings:ipv6Enable:<on off>\r	—	—
setSettings:ipv6DHCP	none	setSettings:ipv6DHCP\r	—	—
setSettings:ipv6Addr	<IPv6 address>	setSettings:ipv6Addr:2001:db8::1\r	—	—
setSettings:ipv6Prefix	0 - 128	setSettings:ipv6Prefix:64\r	—	—
setSettings:ipv6GW	<IPv6 address>	setSettings:ipv6GW:2001:db8::254\r	—	—
setSettings:ipsave	none	setSettings:ipsave\r	—	—
setSettings:enableUserMCIP	on off	setSettings:enableUserMCIP:on\r	USERMCMODE	—

Command	Parameters	Example	getStatus fields	getNetStatus fields
setSettings:userMCIPAddr	<multicast IP address>	setSettings:userMCIPAddr:239.253.0.0\r	USERMCIP	—
setSettings:vlanEnable	on off	setSettings:vlanEnable:on\r	—	—
setSettings:vlanNumber	1-4094	setSettings:vlanNumber:240\r	—	—
setSettings:vlanDHCP	none	setSettings:vlanDHCP\r	—	—
setSettings:vlanIPSet	<IP address,netmask,gateway>	setSettings:vlanIPSet:192168.10.30,255.255.255.0,192.168.10.1\r	—	—
setSettings:vlanManualDNS	on off	setSettings:vlanManualDNS:on\r	—	—
setSettings:vlanDNSServer	< 1 2 3 ><IP address>	setSettings:vlanDNSServer1:8.8.8.8\r	—	—
setSettings:avaEnable	on off	setSettings:avaEnable:on\r	—	—
setSettings:danteAudio	on off	setSettings:danteAudio:on\r	—	—
setSettings:liveAudioHP	on off	setSettings:liveAudioHP:on\r	—	—
setSettings:deleteImg	string <image file name>	setSettings:deleteImg:amx_logl.png	—	—
sendSer	string <command name>	sendSer:PowerOn\r	—	—
serSet	<serial settings> (multiple)	serSet:115200,8,1,2\r	BAUD, SNUMB, SPAR, SP2S	—
setSettings:mainSerialMode	on off	setSettings:mainSerialMode:on\r	MAINSERIALEN	—
setSettings:mainSerialIP	<IP address>	setSettings:mainSerialIP:169.254.20.100\r	MAINSERIALIP	—
setSettings:timeZone	integer	setSettings:timeZone:2\r	—	—
setSettings:dstEnable	on off	setSettings:dstEnable:on\r	—	—
setSettings:ntpServer	string<server name>:on off	setSettings:ntpServer:pool.ntp.org:on\r	—	—
setSettings:ntpServerName	string<server name>	setSettings:ntpServerName:myNTP\r	—	—
setSettings:ntpHostName	string<IP/hostname>	setSettings:ntpHostName:192.168.1.1\r	—	—
setSettings:ntpDescription	string	setSettings:ntpDescription:my local ntp\r	—	—
setSettings:ntpAuthType	none md5 sha-1	setSettings:ntpAuthType:none\r	—	—
setSettings:ntpAuthKeyID	string	setSettings:ntpAuthKeyID:12345678\r	—	—
setSettings:ntpAuthSecret	string	setSettings:ntpAuthSecret:abcdefg\r	—	—
setSettings:deleteNtpServer	string<server name>	setSettings:deleteNtpServer:pool.ntp.org\r	—	—
setSettings:ntpSave	none	setSettings:ntpSave\r	—	—
seta	integer 0-32639	seta:50\r	STREAMAUDIO	—
setSettings:audioStream	svsi dante	setSettings:audioStream:dante\r	—	—
scalerenable	none	scalerenable\r	SCALERBYPASS	—
scalerdisable	none	scalerdisable\r	SCALERBYPASS	—
modeset	<Mode name> (list in notes)	modeset:2160p60\r	MODE	—
setSettings:yuvout	auto on off	setSettings:yuvout:auto\r	OUTPUT_YUV	—
hdmiOff	none	hdmiOff\r	HDMIOFF	—
hdmiOn	none	hdmiOn\r	HDMIOFF	—
CECPower	on off	CECPower:on\r	—	—
set	integer 0-32639	set:55\r	STREAM	—
setSettings:holdLastFrame	on off	setSettings:holdLastFrame:on\r	FRAMEHOLD	—
setSettings:hdmiOffLostStream	on off	setSettings:hdmiOffLostStream:on\r	VIDOFFNOSTRM	—
setSettings:hdmiOffDelay	integer 0-1800, default 10	setSettings:hdmiOffDelay:10\r	—	—
setSettings:localPlayHoldOff	integer 1-100, default 10	setSettings:localPlayHoldOff:10\r	—	—
setSettings:receiveSrc	mwc h26X danteAV	setSettings:receiveSrc:mwc\r	—	—
setSettings:addEncoderList	string <Enc-1:StreamID-1>,<Enc-2:StreamID-2>,...	setSettings:addEncoderList:encName-1:123,encName-2:456\r	ENCODERLIST	—
setSettings:delEncoderList	string <Enc-1>,<Enc-2>,...	setSettings:delEncoderList:encName-1,encName-2,encName-3\r	ENCODERLIST	—
setSettings:clrEncoderList	none	setSettings:clrEncoderList\r	ENCODERLIST	—
setSettings:igmpJoinsEnable	on off	setSettings:igmpJoinsEnable:on\r	—	—
setSettings:igmpJoinsInterval	1-60	setSettings:igmpJoinsInterval:15\r	—	—
setSettings:liveAudioLP	on off	setSettings:liveAudioLP:off\r	LIVEAUDIOLP	—
setSettings:lpHoldoff	integer 1-100, default 10	setSettings:lpHoldoff:3\r	—	—
setSettings:wallEnable	on off	setSettings:wallEnable:on\r	wallEnable	—
setSettings:wallStretch	auto stretch fit	setSettings:wallStretch:auto\r	wallStretch	—
setSettings:wallHShift	integer 0-64	setSettings:wallHShift:2\r	—	—
setSettings:wallVShift	integer 0-64	setSettings:wallVShift:4\r	—	—
setSettings:videoWallHorVer	<A,B,C,D> in Integer 1-16	setSettings:videoWallHorVer:4,4,1,2\r	wallHorMons, wallVerMons, wallMonPosH, wallMonPosV	—

getStatus response fields

Response field	Description	Notes	VE-610	VD-610
BSS_TXGEN1	Device type and serial number	No command — feedback only, not settable via Direct Control API.	Yes	Not listed
NAME	Device name, default value is MAC		Yes	Yes
MAC	Device MAC	No command — feedback only, not settable via Direct Control API.	Yes	Yes
IP	Device IP		Yes	Yes
NM	Device subnet mask		Yes	Yes
GW	Device gateway		Yes	Yes
IPTRIAL	IP trial mode (during resetting of IP addresses)	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
IPMODE	IP mode of device	DHCP Static	Yes	Yes
ID	NAV Router software specific	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
SWVER	Software version	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
WEBVER	Web interface version	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
UPDATE	Update flags for V-Series updater	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
UPDTRY	Update flags for V-Series updater	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
UPDFAILED	Update flags for V-Series updater	NAV Router software specific No command — feedback only, not settable via Direct Control API.	Yes	Yes
STATUSEN	Enable Send Status	NAV Router software specific	Yes	Yes
STATUSIP	Send Status Address	NAV Router software specific	Yes	Yes
BAUD	Serial port's communication speed in bits per second	1200 1800 2400 4800 9600 19200 38400 57600 115200	Yes	Yes
SNUMB	Number of databits per character specified for the serial port	7 8	Yes	Yes
SPAR	Serial port parity setting	even odd none	Yes	Yes
SP2S	Serial port's stop bit setting	1 2	Yes	Yes
HDMICEVTDLY	NAV ReAct video connect event delay time in seconds	Legacy parameter, up to 24 hours (measured in seconds) Reported via webpage only — no Direct Control API command.	Yes	Yes
HDMIDEVTDLY	NAV ReAct video disconnect event delay time in seconds	Legacy parameter, up to 24 hours (measured in seconds) Reported via webpage only — no Direct Control API command.	Yes	Yes
USERMCMODE	Customize multicast address	on = multicast will be customized off = multicast will NOT be customized	Yes	Yes

Response field	Description	Notes	VE-610	VD-610
USERMCIP	Custom multicast address (USERMCMODE must be on)	multicast address	Yes	Yes
HTTPS	Force HTTPS enable status	0 = disable 1 = enable	Yes	Yes
VMUTE	Video Mute status	0 = video enabled 1 = video muted	Yes	Yes
VSRC	Video SRC selection	hdmi only No command — feedback only, not settable via Direct Control API.	Yes	Not listed
VSTS	Source connection status	Parameters for this field would be: 0 = no source connected 1 = hdmi source connected and active No command — feedback only, not settable via Direct Control API.	Yes	Not listed
MUTE	Audio Mute status	0 = audio enabled 1 = muted	Yes	Yes
STREAM	Multicast stream ID of Encoder		Yes	Yes
SAMPLE	Audio Sample Rate	32K/44.1K/48K No command — feedback only, not settable via Direct Control API.	Yes	Yes
HDMIAUDIO	HDMI audio state	on off No command — feedback only, not settable via Direct Control API.	Yes	Yes
vidDetectMode	Input video detection mode	auto digital No command — feedback only, not settable via Direct Control API.	Yes	Not listed
PLAYMODE	Device mode	live live-local local off live = In live mode and live video is playing live-local = in live mode but no live video input (is sending Host Play) local = host play mode off = TX disabled	Yes	Yes
PLAYLIST	Host playlist to be displayed	Playlist is 1	Yes	Yes
HDMIINPUT	Source status	connected = source is available disconnected = no source No command — feedback only, not settable via Direct Control API.	Yes	Not listed
INPUTRES	Current incoming resolution	No command — feedback only, not settable via Direct Control API.	Yes	Yes
AUDIOSRC	Audio source	Audio source from: hdmi = HDMI input, dante = Dante RX.	Yes	Not listed
MAINSERALEN	Serial Main Enable	0 = disable 1 = enable	Yes	Yes
MAINSERIALIP	Serial Main IP Address (Serial Secondary Address on webpage)		Yes	Yes
LPWR	Low power mode status	Gap: setSettings:lowPowerMode is not yet available on VE-610 — planned addition.	Yes	Yes
SLOCK	Webpage setting lock status	0 = disable 1 = enable	Yes	Yes
securePortsOnly	Status of secure ports only for 50101,50102,50104.	on off	Yes	Yes
LIVEAUDIOHP	Audio status for live audio or local play audio	on = Use Stream Audio off = Use Host Play Audio	Yes	Not listed
BSS_RXGEN1	Device type and serial number	No command — feedback only, not settable via Direct Control API.	Not listed	Yes
MODE	Scaler output mode	Supported modes: auto 1080p24 1080p50 1080p60 1400x1050p60 1920x1200p60 2160p25 2160p30 2160p50 2160p60 2560x1440p60 2560x1600p60 720p50 720p60 1440x900p60 1366x768p60	Not listed	Yes
STREAMAUDIO	Subscribed audio stream ID	Numeric value 0 = follow video	Not listed	Yes
SCALERBYPASS	Scaler status	yes = scaler IS disabled no = scaler IS	Not listed	Yes

Response field	Description	Notes	VE-610	VD-610
		enabled		
LIVEAUDIOLP	Play stream audio in local play (Input Audio for Local Play on webpage)	on = use stream audio (unchecked) off = use local play audio (checked)	Not listed	Yes
OUTPUT_YUV	Color space settings	auto on = YUV output off = RGB output	Not listed	Yes
FRAMEHOLD	Hold last frame if stream lost	on = hold last frame off = display local play	Not listed	Yes
VIDOFFNOSTRM	Disabled HDMI port on loss of stream	on = disable HDMI on loss of stream off = display local play	Not listed	Yes
HDMIOFF	HDMI port state	on = HDMI disabled off = outputting video	Not listed	Yes
HDMISTATUS	HDMI status	connected = monitor on/detected disconnected = monitor off/ detached No command — feedback only, not settable via Direct Control API.	Not listed	Yes
wallEnable	Enable Video Wall	0 = disable 1 = enable	Not listed	Yes
wallHorMons	Wall Dimensions: Columns	0 - 64	Not listed	Yes
wallVerMons	Wall Dimensions: Rows	0 - 64	Not listed	Yes
wallMonPosH	Current Wall Position: Columns	0 - 64	Not listed	Yes
wallMonPosV	Current Wall Position: Rows	0 - 64	Not listed	Yes
wallStretch	Wall Stretch: Auto Stretch Fit	Auto Stretch Fit	Not listed	Yes
ENCODERLIST	Encoder name and stream ID list	<Enc-1>:<StreamID-1>,<Enc-2>:<StreamID-2>,,.....	Not listed	Yes

getNetStatus response fields

Response field	Description	Notes	VE-610	VD-610
BSS_NETSTATS	Device type and serial number of the V-Series device		Yes	Yes
NAME	User-configured name of the V-Series device		Yes	Yes
MAC	MAC address of the V-Series device		Yes	Yes
IP	IP address of the V-Series device		Yes	Yes
NM	Subnet mask of the V-Series device		Yes	Yes
GW	Gateway IP address of the V-Series device		Yes	Yes
SWVER	Software version of the V-Series device		Yes	Yes
chassisID	MAC address of the switch connected to the V-Series device	LLDP information	Yes	Yes
sysName	User-configured name of the switch connected to the V-Series device	LLDP information	Yes	Yes
sysDescr	User-configured description of the switch connected to the V-Series device	LLDP information	Yes	Yes
portID	User-configured name of the switch's port that is connected to the V-Series device	LLDP information	Yes	Yes
portDescr	User-configured description of the switch's port that is connected to the V-Series device	LLDP information	Yes	Yes