

Overview

An N-Series system comprises Encoders, Decoders, and other available accessories, including Window Processing (WP) units and Audio Transceivers (ATRs). The system lets you distribute UHD video and audio across a Gigabit Ethernet network. The Encoders accept HDMI sources and analog audio using a balanced or unbalanced 5-pin Phoenix connection. The Decoders have HDMI video output ports and will support digital audio (with HDMI-to-DVI cable or adapter). Power over Ethernet Plus (PoE+), analog audio, and more depending on the version of Decoder used. Please verify the hardware capabilities needed before ordering.

Each device can be controlled from standard TCP/IP and a secure SSH connection, as outlined below. It is advised to open a persistent socket connection rather than open and close socket connections continuously when sending and receiving communications from N-Series devices.

Standard TCP/IP:

Each device is controllable via TCP/IP direct socket using device IP addresses and port 50001 or 50002. Port 50001 and 50002 support a single connection at one time and reject all other connection attempts until the established connection is closed. Port 50004 is for RS232, supports a single connection, and rejects all other attempts until the established connection is closed.

Secure SSH:

Each device is controllable via an SSH direct socket using device IP addresses and port 50101 or 50102. Port 50101 and 50102 support a single connection at one time and reject all other connection attempts until the established connection is closed. Port 50104 is for RS232, supports a single connection at one time, and rejects all other connection attempts until the established connection is closed.

To send a secure command to port 50101, 50102, or 50104. The command password for the device must be sent with the command string. See below for an example. The default command password is *password*.

```
password\rvidsrc:hdmir
```

Refer to this document to find the commands needed for your application. This document applies to the N3312D and N3322D Encoders and Decoders.

NOTE: In the Example sections of this document, <CR> indicates a carriage return as defined by your control method (e.g., \x0d, \$0d, 00x0d, 0x0d, 0dH). <CRLF> is also supported but not required.

Using the Onboard RS-232 Port

Serial communications are enabled on port 50004 or 50104. If a persistent socket is maintained, this becomes a bi-directional serial port to control the attached source or display. There are no commands to send a serial string. Instead, send the manufacturer's serial string to port 50004 or 50104. Any response returns via port 50004 or 50104 as well. To set the serial port settings, use N-Able (free N-Series device management software), a device web page, or a product from the N-Command series of Control systems. Similarly, ports 50001, 50002, 50101, and 50102 only support a single socket connection and reject all other connection attempts until the connection is successfully closed.

Decoders

Command	Description	Example	Notes
getStatus	Returns with current status of device	getStatus\r	Refer to Decoder getStatus response below.
getNetStatus	Returns with current network status of device	getNetStatus\r	Refer to Decoder getNetStatus response below.
idOn	Puts unit into ID mode	idOn\r	Similar to pressing ID button
setSettings:name	Sets a name to the device	setSettings:name:2600Dec\r	
setSettings:lowPowerMode	Enables / Disables low power mode	setSettings:lowPowerMode:<on off>\r	
setSettings:factoryRestore:factoryRestore	Resets settings (except IP) to default	setSettings:factoryrestore:factoryrestore\r	Settings (except IP) will be reset to defaults. Unit will reboot during this process.
setSettings:reboot:reboot	Performs a reboot of the device	setSettings:reboot:reboot\r	Performs a software reboot. Does not initiate a full power cycle and does not affect the current settings.
Cmdhistreset:all	Resets the history log of commands	Cmdhistreset:all\r	
settingslock	Locks some settings from being changed	settingslock:<on off>\r	Locks IP configuration and stream settings. Prevents automated processes from N-Able or N-Command from occurring.
setSettings:OSDMenu	Enables or disables the OSD menu	setSettings:OSDMenu:<on off>\r	
setSettings:Preview	Enables or disables the web Preview Image	setSettings:Preview:<on off>\r	

Command	Description	Example	Notes
setSettings:debugMode		setSettings:debugMode<on off>\r	On = starts diagnostic logging Off = ends logging and prepares encrypted debug file for download
seta	Sets audio input stream	seta:50\r	Set to 0 to Follow Video.
lovolleft	Sets the Left Lineout Volume	lovolleft:50\r	
lovolright	Sets the Right Lineout Volume	lovolright:20\r	
lovol	Sets the Lineout Volume	lovol:50\r	
mute	Disables audio output	mute\r	
unmute	Enables audio output	unmute\r	
setSettings:hdmiaudio	Enables or disables HDMI Audio output	setSettings:hdmiaudio:auto\r	Auto = If connected TV/Display supports digital audio, send audio out DEC HDMI port Off = Do not send audio out the DEC HDMI port
setSettings:audioStream	Sets the Decoder audio stream	setSettings:audioStream:dante\r	svsi dante H.26x
vmute	Disables HDMI output	vmute\r	
vunmute	Enables HDMI output	vunmute\r	
scalerenable	Scales the output to selected mod	scalerenable\r	Upscaling is fully supported. Downscaling is only supporting from 4k60 to 1080p.
scalerdisable	Disables scaling output video	scalerdisable\r	

Command	Description	Example	Notes
modeset	Sets the output scaling mode.	modeset:2160p60\r	Supported modes: Auto 1080p50 1080p60 2160p25 2160p30 2160p50 2160p60 720p50 720p60
setSettings:yuvout	Control the YUV functionality	setSettings:yuvout: < auto on off >\\r	
hdmiOff	Disables HDMI output	hdmiOff\r	
hdmiOn	Enables HDMI output	hdmiOn\r	
CECPower	Sends a CEC Power ON or Power OFF command to connected display	CECPower:on\r	on off
set	Sets Video Stream number	set:55\r	
live	Enables live play mode	live\r	
local	Enables local playlist content	local:2\r	Playlist number is 1-8
setSettings:mediaPort0		setSettings:mediaPort0: < on off >\\r	
setSettings:mediaPort1		setSettings:mediaPort1: < on off >\\r	
setSettings:shutdownPort1		setSettings:shutdownPort1: < on off >\\r	
setSettings:holdlastframe	Enables last frame hold	setSettings:holdlastframe:<on off>\r	
setSettings:disableHDMIlostStream		setSettings:disableHDMIlostStream:<on off>\r	If stream is lost, turns off HDMI when enabled
setSettings:ReceiveSrc		setSettings:ReceiveSrc:<SVSI H26X>\r	
setSettings:streamURL		setSettings:streamURL:rtp://234.1.0.102:5500\r	H.26x URL

Command	Description	Example	Notes
setSettings:avhEnable	Controls the Dante AV feature	setSettings:avhEnable: <on off>\r	
resetport:tcp	Ability to reset the TCP port	resetport:tcp,<Port #>	Port #: 50001 50002 50004
webPageDisable		webPageDisable\r	Sent over SSL ports, preceded by Command password
webPageEnable		webPageEnable\r	Sent over SSL ports, preceded by Command password
setSettings:gratuitousARP		setSettings:gratuitousARP:<on off>	Enable to send a periodic Address Resolution Protocol (ARP) packet
setSettings:gratuitousARPInterval		setSettings:gratuitousARPInterval:<number>	Set how often (in seconds) to send ARP packets.
setSettings:sendStatus		setSettings:sendStatus:<on off>	Enable to send a periodic status packet to the Send Status IP
setSettings:statusIP		setSettings:statusIP:<ip address>	Set the IP address to send status packets to
setSettings:sendStatusInterval		setSettings:sendStatusInterval:<number>	Set how often to send status packets
setSettings:enableDiscoveryPackets		setSettings:enableDiscoveryPackets:<on off>	Enables the N-Series multicast discovery service
setSettings:discoveryIntervalSec		setSettings:discoveryIntervalSec:<number>	Sets how often (in seconds) to send discovery packets
setSettings:snmpEnable	Ability to control the snmp	setSettings:snmpEnable:<on off>\r	
setSettings:ipdhcp		setSettings:ipdhcp	Sets the IP mode into DHCP mode. Send ipsave in order to take effect.
setSettings:ipset		setSettings:ipset:<ip address>,<netmask>,<gateway>	Send ipsave in order to take effect.
setSettings:ipsave		setSettings:ipsave	Saves IP settings and reboots unit to take effect.
setSettings>manualDNS		setSettings>manualDNS:on\r	on off
setSettings:sendStatusNACT	Used to control N-Act	setSettings:sendStatusNACT: < on off >\\r	
setSettings:dnserver<1 2 3>		setSettings:dnserver1:8.8.8.4\r	
setSettings:RXenableUnicast		setSettings:RXenableUnicast<on off>\r	
setSettings:IGMPJoinsEnable		setSettings:IGMPJoinsEnable:< on off >\r	
setSettings:IGMPJoinsInterval		setSettings:IGMPJoinsInterval:<seconds>\r	Time is in seconds

Command	Description	Example	Notes
sendser	Sends a stored serial command.	sendSer:PowerOn\r	
setSettings:enableUserMCIP	Allows for override of MC IP address	setSettings:enableUserMCIP:<on off>\r	
setSettings:setUserMCIP		setSettings:setUserMCIP:<multicast IP>\r	The 3 rd and 4 th Octets must be entered as 0. Example-“239.250.0.0”
serSet		serSet:115200,8,none,2\r	Order is: baudrate, databits, parity, stop bits
setSettings:mainSerialMode		setSettings:mainSerialMode:on\r	on off
setSettings:mainSerialIP		setSettings:mainSerialIP:169.254.20.100\r	
sendir	Sends stored IR command	sendir:TVOn\r	
setSettings:irPassThroughEnable	Enables Decoder to be IR Client.	setSettings:irPassThroughEnable:on\r	Needs to be enabled on both units. Decoder can only be the IR Client.
irClientIP		irClientIP:169.254.10.50\r	
setSettings:usbEnable	Enables USB 2.0 traffic.	setSettings:usbEnable:on\r	
setSettings:kvmEnable	Enables KVM traffic.	setSettings:kvmEnable:on\r	

Decoder getStatus Response		
Response	Description	Note
The response packet detailed in this table is sent as a confirmation to all commands as well as in response to the getStatus command. Additional information may be contained before the response packet. It is recommended when decoding response data to search for the field required and then output the data accordingly. All fields are separated by "r".		
SVSI_RXGEN2	Device type and serial number	
NAME	Name of device	Serial string with name (255 character max)
MAC	Mac address of device	
IP	IP address of device	
NM	Subnet mask of device	
GW	Gateway of device	
IPTRIAL	IP in trial mode	0 = not in trial mode 1 = in trial mode
IPMODE	IP mode of device	
ID	Used to show if ID Mode is active	0 = Enabled 1 = Disabled
SWVER	Software version running on device	
WEBVER	Web version running on device	Displays in Unix timestamp
UPDATE	N-Series software specific	Used by N-Able when updating firmware
UPDTRY	N-Series software specific	Used by N-Able when updating firmware
UPDFAILED	N-Series software specific	Used by N-Able when updating firmware
MEDIAPORT0	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
MEDIAPORT1	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
STATUSEN	Status of Enable Send Status	0 = Enabled 1 = Disabled
STATUSIP	IP Address used by Send Status	
BAUD	Serial port's communication speed in bits per second	1200 1800 2400 4800 9600 19200 38400 57600 115200
SNUMB	Number of data bits per character specified for the serial port	7 8
SPAR	Serial port parity setting	even odd none
SP2S	Serial port's stop bit setting	1 2
PORTSD1	P1 disabled	yes = deactivated (no traffic) no = active and working
HDMICEVTDLY	N-Act connect event delay time in seconds	up to 24 hours (measured in seconds)

Decoder getStatus Response		
Response	Description	Note
HTTPS		0 = disabled 1 = enabled
AVHENABLE	Status of the Dante AV-H protocol	0 = disabled 1 = enabled
USERMCMODE	Customize multicast address.	on = multicast will be customized off = multicast will NOT be customized
USERMCIP	Custom multicast address (USERMCMODE must be on)	multicast address
VMUTE	The current state of Video Mute	0 = Disabled 1 = Enabled
MODE	Scaler output mode	Supported modes: Auto 1080p50 1080p60 2160p25 2160p30 2160p50 2160p60 720p50 720p60
LINEOUTVOL_L	Current line out volume - left channel	0 - 100%
LINEOUTVOL_R	Current line out volume - right channel	0 - 100%
MUTE	Audio Mute status	0 = audio enabled 1 = audio disabled
STREAM	Current video stream	Numeric value
SAMPLE	Audio Sample rate	
HDMIAUDIO		Auto
STREAMAUDIO	Current audio stream	0 = Follow Video
SCALERBYPASS	Scaler status	yes = scaler is disabled no = scaler is enabled
PLAYMODE	Current playmode	local live
LIVEAUDIOLP	Play stream audio in local play	on = use stream audio off = use local play audio
OUTPUT_YUV		auto on off
FRAMEHOLD	Hold last good frame on loss of stream	on = enabled off = disabled
VIDOFFNOSTRM	Disables HDMI port on loss of stream	on = disable HDMI on loss of stream off= display local play
HDMIOFF	HDMI port state	on = HDMI disabled off = outputting video
HDMISTATUS	HDMI status	connected = monitor on/detected disconnected = monitor off/ detached
INPUTRES	Current incoming resolution	
STREAMURL	H.26x stream URL	
RCVMODE	Decoder receiving mode of stream	1=MWC 2=H.26x
AUDIOSTREAM		

Decoder getNetStatus Response	
Response	Description
SVSI_NETSTATS	Device type and serial number of the N-Series device
NAME	User-configured name of the N-Series device
MAC	MAC address of the N-Series device
IP	IP address of the N-Series device
NM	Subnet mask of the N-Series device
GW	Gateway IP address of the N-Series device
SWVER	Software version of the N-Series device
CHASSISID	MAC address of the switch connected to the N-Series device
SYSNAME	User-configured name of the switch connected to the N-Series device
SYSDESCR	User-configured description of the switch connected to the N-Series device
PORTID	User-configured name of the switch's port that is connected to the N-Series device
PORTDESCR	User-configured description of the switch's port that is connected to the N-Series device

Encoders

Command	Description	Example	Notes
getStatus	Returns with current status of device	getStatus\r	Refer to Encoder getStatus response below.
getNetStatus	Returns with current network status of device	getNetStatus\r	Refer to Encoder getNetStatus response below.
idOn	Puts unit into ID mode	idOn\r	Similar to pressing ID button
setSettings:name		setSettings:name:2400Enc\r	
setSettings:lowPowerMode	Controllers the low power mode of the unit	setSettings:lowPowerMode:<on off>\r	
setSettings:factoryRestore:factoryRestore	Resets settings (except IP) to default	setSettings:factoryrestore:factoryrestore\r	Settings (except IP) will be reset to defaults. Unit will reboot during this process.
setSettings:reboot:reboot	Performs a reboot of the device	setSettings:reboot:reboot\r	Performs a software reboot. Does not initiate a full power cycle and does not affect the current settings.
Cmdhistreset:all	Resets the history log of commands	Cmdhistreset:all\r	
settingslock	Locks some settings from being changed	settingslock:<on off>\r	Locks IP configuration and stream settings. Prevents automated processes from N-Able or N-Command from occurring.
setSettings:OSDMenu	Enables or disables the OSD menu	setSettings:OSDMenu:<on off>\r	
setSettings:Preview	Enables or disables the web Preview Image	setSettings:Preview:<on off>\r	
setSettings:debugMode		setSettings:debugMode<on off>\r	On = starts diagnostic logging Off = ends logging and prepares encrypted debug file for download
mute		mute\r	
unmute		unmute\r	

Command	Description	Example	Notes
setSettings:hdmiaudio	Sets audio input source	setSettings:hdmiaudio:on\r	On = HDMI Audio Off = Analog Input
setSettings:svsiAudioOutDelay	SVSI audio delay	setSettings:svsiAudioOutDelay:150\r	Sets a SVSI audio Out <delay> in mini seconds. The valid <delay> range is 0-1000.
vmute	Enables black screen output	vmute\r	
vunmute	Disables black screen output (shows live video)	vunmute\r	
setSettings:PTyuvOut	Encoder Pass-Thru YUV Output	setSettings:PTyuvOut:auto\r	auto on off
setSettings:Ptvmute	Encoder Pass-Thru Video Mute	setSettings:Ptvmute:off\r	On = Video Muted Off = Video unmuted (Live Video)
setSettings:setedid		setSettings:setedid\r	
setSettings:setStream	Sets video stream number	setSettings:setStream:100\r	Each encoder must have a unique stream number
live	Enables live play mode	live\r	
local	Enables local playlist content	local:2\r	Playlist numbers are 1-8
txdisable	Disables transmitting video/audio	txdisable\r	
txenable	Enables transmitting video/audio	txenable\r	
vidsrc	Sets the preferred video source	vidsrc:auto\r	auto (last source connected) hdmi1 hdmi2
setSettings:mediaPort0		setSettings:mediaPort0:on\r	
setSettings:mediaPort1		setSettings:mediaPort1:on\r	
setSettings:shutdownPort1		setSettings:shutdownPort1:off\r	
setSettings:encodeMode		setSettings:encodeMode:MultiStream	MultiStream SingleStream
setSettings:H26TxEnable		setSettings:H26TxEnable\r	
setSettings:H26TxDisable		setSettings:H26TxDisable\r	

Command	Description	Example	Notes
setSettings:H26xMode		setSettings:H26xMode:H264\r	H264 H265
setSettings:H26xProfile		setSettings:H26xProfile:YouTube\r	Youtube Panopto N3000 Custom
setSettings:shutdownH26x		setSettings:shutdownH26x:off\r	on off
setSettings:avhEnable	Controls the Dante AV feature	setSettings:avhEnable:on\r	on off
resetport:tcp	Ability to reset the TCP port	resetport:tcp,<Port #>	Port #: 50001 50002 50004
webPageDisable		webPageDisable\r	Sent over SSL ports, preceded by Command password
webPageEnable		webPageEnable\r	Sent over SSL ports, preceded by Command password
setSettings:gratuitousARP		setSettings:gratuitousARP:<on off>	Enable to send a periodic Address Resolution Protocol (ARP) packets
setSettings:gratuitousARPInterval		setSettings:gratuitousARPInterval:<number>	Set how often (in seconds) to send ARP packets.
setSettings:sendStatus		setSettings:sendStatus:<on off>	Enable to send a periodic status packet to the Send Status IP
setSettings:statusIP		setSettings:statusIP:<ip address>	Set the IP address to send status packets to
setSettings:sendStatusInterval		setSettings:sendStatusInterval:<number>	Set how often to send status packets
setSettings:enableDiscoveryPackets		setSettings:enableDiscoveryPackets:<on off>	Enables the N-Series multicast discovery service
setSettings:discoveryIntervalSec		setSettings:discoveryIntervalSec:<number>	Sets how often (in seconds) to send discovery packets
setSettings:tll	Configure the TTL of the packet	setSettings:tll:<number>\r	Number = 0-255, increments of 1
setSettings:dscp	Configure the DSCP of the packet	setSettings:dscp:<number>\r	Number = 2-255, increments of 1
setSettings:ipdhcp		setSettings:ipdhcp	Sets the IP mode into DHCP mode. Send ipsave in order to take effect.
setSettings:ipset		setSettings:ipset:<ip address>,<netmask>,<gateway>	Send ipsave in order to take effect.
setSettings:ipsave		setSettings:ipsave	Used to confirm IP settings. Unit will reboot.
setSettings>manualDNS		setSettings>manualDNS:on\r	
setSettings:dnsserver<1 2 3>		setSettings:dnsserver1:8.8.8.4\r	

Command	Description	Example	Notes
setSettings:enableUserMCIP	Allows for override of MC IP address	setSettings:enableUserMCIP:<on off>\r	
setSettings:setUserMCIP		setSettings:setUserMCIP:<multicast IP>\r	The 3 rd and 4 th Octets must be entered as 0. Example- "239.250.0.0"
sendser	Sends a stored serial command.	sendSer:PowerOn\r	
serSet		serSet:115200,8,none,2\r	Order is: baudrate, databits, parity, stop bits
setSettings:mainSerialMode		setSettings:mainSerialMode:on\r	on off
setSettings:mainSerialIP		setSettings:mainSerialIP:169.254.20.100\r	
setSettings:irPassThroughEnable	Enables Decoder to be IR Client.	setSettings:irPassThroughEnable:on\r	Needs to be enabled on both units. Decoder can only be the IR Client.
sendir	Sends stored IR command	sendir:TVO\r	
formatUSB		formatUSB\r	
startRecord		startRecord\r	
stopRecord		stopRecord\r	
getUSBfree		getUSBfree\r	
setSettings:usbEnable	Allows for the unit to be able to record via USB drive	setSettings:usbEnable:<on off>\r	
setSettings:recordBaseName	Define the base name for the recording file	setSettings:recordBaseName:<name>\r	<name> = string containing no spaces
setSettings:sendValidate	Enable the validate recording	setSettings:sendValidate:<on off>\r	
setSettings:sendMethod	Method to transfer the recording	setSettings:sendMethod:<FTP SFTP SHARE>\r	
setSettings:sendPort	Port used to connect for transfer	setSettings:sendPort:<port>\r	<port> = integer
setSettings:sendPath		setSettings:sendPath<path>\r	<path> = string of text
setSettings:sendDestAddr		setSettings:sendDestAddr:<Addr>\r	<Addr> = address of storage device
setSettings:sendUserName		setSettings:sendUserName:<User>\r	<User> = username
setSettings:sendUserPassword		setSettings:sendUserPassword:<Pass>\r	<Pass> = password
setSettings:sendAutoDelete		setSettings:sendAutoDelete:<on off>\r	
setSettings:sendSchedule		setSettings:sendSchedule:<never immediate attime inwindow>\r	

Command	Description	Example	Notes
setSettings:sendStartTime		setSettings:sendStartTime:<hour:min>\r	
setSettings:sendEndTime		setSettings:sendEndTime:<hour:min>\r	

Encoder Response		
Response	Description	Note
The response packet detailed in this table is sent as a confirmation to all commands as well as in response to the getStatus command. Additional information may be contained before the response packet. It is recommended when decoding response data to search for the field required and then output the data accordingly. All fields are separated by "\r".		
SVSI_TXGEN2:	Device type and serial number	
NAME	Name of device	Serial string with name (255 character max)
MAC	Mac address of device	
IP	IP address of device	
NM	Subnet mask of device	
GW	Gateway of device	
IPTRIAL	IP in trial mode	
IPMODE	IP mode of device	DHCP Static
ID	Used to show if ID Mode is active	0 = Enabled 1 = Disabled
SWVER	Software version running on device	
WEBVER	Web version running on device	Displays in Unix timestamp
UPDATE	N-Series software specific	Used by N-Able when updating firmware
UPDTRY	N-Series software specific	Used by N-Able when updating firmware
UPDFAILED	N-Series software specific	Used by N-Able when updating firmware
MEDIAPORT0	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
MEDIAPORT1	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
STATUSEN	Status of Enable Send Status	0 = Enabled 1 = Disabled
STATUSIP	IP Address used by Send Status	
BAUD	Serial port's communication speed in bits per second	1200 1800 2400 4800 9600 19200 38400 57600 115200
SNUMB	Number of data bits per character specified for the serial port	7 8
SPAR	Serial port parity setting	even odd none
SP2S	Serial port's stop bit setting	1 2
PORTSD1	P1 disabled	yes = deactivated (no traffic) no = active and working
HDMICEVTDLY	N-Act connect event delay time in seconds	up to 24 hours (measured in seconds)
HTTPS	Status of HTTPS only	0 = disabled 1 = enabled
AVHEnable	Status Dante AV	0 = disabled 1 = enabled

Encoder Response		
USERMCMODE	Customize multicast address.	on = multicast will be customized off = multicast will NOT be customized
USERMCIP	Custom multicast address (USERMCMODE must be on)	multicast address
VMUTE		0 = video enabled 1 = video disabled
VSRC	Video source selection	auto hdmi1 hdmi2
VSTS	Current video source	1 = HDMI 1 Selected 2 = HDMI 2Selected
UNICAST		
UNICASTADDR1		
UNICASTADDR2		
MUTE	Audio mute status	0 = audio enabled 1 = audio disabled
STREAM	Current video stream	Numeric value
SAMPLE	Sample rate of audio	
HDMIAUDIO		on = HDMI audio enabled off = HDMI audio disabled
vidDetectMode		auto digital
PLAYMODE	Current mode	local live
PLAYLIST	Current local playlist	Number 1 - 8
HDMIINPUT	HDMI Status	disconnected connected
INPUTRES	HDMI incoming resolution	HDMI Resolution
HDMI2INPUT	HDMI Status	disconnected connected
HDMI2INPUTRES	HDMI incoming resolution	HDMI Resolution
H26XMODE	The current encode mode of the H26x	H264 H265
H26XPROFILE	Current Profile selected	
USBRecPortStatus	Status if record is enabled	0 = disabled 1 = enabled
USBStatus	Status if USB drive is connected	0 = disabled 1 = enabled
USBFree	Amount of free space on drive	
LINEGAIN	Audio Line in Gain	Value is -12 to 12
ENCMODE	The current streaming mode of the encoder	1 = Single Stream 2 = Multi-Stream
STREAMURL	URL of the H26x address	Only shows when ENCMODE is 2

Encoder getNetStatus Response	
Response	Description
SVSI_NETSTATS	Device type and serial number of the N-Series device
NAME	User-configured name of the N-Series device
MAC	MAC address of the N-Series device
IP	IP address of the N-Series device
NM	Subnet mask of the N-Series device
GW	Gateway IP address of the N-Series device
SWVER	Software version of the N-Series device
CHASSISID	MAC address of the switch connected to the N-Series device
SYSNAME	User-configured name of the switch connected to the N-Series device
SYSDESCR	User-configured description of the switch connected to the N-Series device
PORTID	User-configured name of the switch's port that is connected to the N-Series device
PORTDESCR	User-configured description of the switch's port that is connected to the N-Series device

