

An N-Series system is comprised of Encoders, Decoders, and other available accessories including Network Video Recording (NVR) solutions, Window Processing (WP) units, and Audio Transceivers (ATRs). The system allows you to distribute HD video and audio across a Gigabit Ethernet network. The Encoders accept HDMI sources including DVI-D, VGA, and Component through the use of passive adapters and analog audio using a balanced or unbalanced Phoenix connection. The Decoders have HDMI video output ports and will support digital audio (with HDMI-to-DVI cable or adapter). Options for Power over Ethernet (PoE), analog audio, and more depend on the version of Decoder used. Please verify hardware capabilities needed prior to ordering.

Legacy hardware and N3000 Series hardware is backwards-compatible (which allows both legacy and N3000 Series products to be used within the same system as needed).

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

Refer to this document to find the commands needed for your application. <u>Commands are case-sensitive</u>. This document applies to the N3000 Series of Encoders and Decoders.

NOTE: This information is considered current as of the date of publication. AMX reserves the right to add/modify/remove commands and change the standard response packet as needed.

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 RS232 Port

Serial communications are enabled on port 50004. 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, simply send the manufacturer's serial string to port 50004. Any response returns via port 50004 as well. To set the serial port settings, use N-Able (a free device management software) or a product from the N-Command series of N-Series Control systems. Similarly to port 50002, this port only supports a single socket connection and rejects all other connection attempts until the open connection is successfully closed.

Getting More Information

To find direct control commands for other devices (other than N3000 Encoders and Decoders) and for more information on controlling an N-Series device using N-Able or N-Command, please refer to additional documentation found on our website (http://www.amx.com/techcenter/manuals.asp).

Decoders

Device Status				
Command	Description	Response	Example	Notes
getStatus	Returns with current status of device.	Current status of device	getStatus <cr> or ?<cr></cr></cr>	Refer to the return packet information in the <i>Decoder Response</i> table on page 4.
getNetStatus	Returns with current network status of device.	Current status of device	getNetStatus <cr></cr>	Refer to return packet information in the <i>Decoder getNetStatus Response</i> table on page 6.

Video/Audio Switch				
Command	Description	Response	Example	Notes
setSettings:decoderMode	Specifies AVI stream type (URL or N-Series Encoder).	Current status of device	setSettings:decoderMode:URL <cr> or setSettings:decoderMode:SVSIEncoder <cr></cr></cr>	If using the N-Able matrix, set to SVSIEncoder. If using a third-party stream that is specified by a URL, set to URL.
setSettings:streamURL	Specifies the URL of the third-party stream.	Current status of device	setSettings:streamURL: rtp://234.1.0.102:5500 <cr></cr>	Only applies when decoderMode (above) is set to URL.
set	Switches video streams.	Current status of device	set:1 <cr></cr>	If Decoder is set to Audio Follows Video this will also switch the audio stream. If set to a non-existent stream (like stream 0) then Decoder will revert to local play content. Only applies when decoderMode (above) is set to SVSIEncoder.
seta	Switches audio streams.	Current status of device	seta:1 <cr></cr>	

Audio Controls				
Command	Description	Response	Example	Notes
mute	Disables audio output.	Current status of device	mute <cr></cr>	This affects both analog outputs (if available) and digital outputs.
unmute	Enables audio output.	Current status of device	unmute <cr></cr>	
lovol	Changes audio output level.	Current status of device	lovol:50 <cr></cr>	Range in Percentage 0 - 100%
lovolleft	Changes audio output level left channel.	Current status of device	lovolleft:50 <cr></cr>	Range in Percentage 0 - 100%
lovolright	Changes audio output level right channel.	Current status of device	lovolright:50 <cr></cr>	Range in Percentage 0 - 100%

Mode Change				
Command	Description	Response	Example	Notes
live	Changes mode to live play.	Current status of device	live <cr></cr>	Only needed if Decoder has been commanded to local play.
local	Changes mode to local play.	Current status of device	local:4 <cr></cr>	8 playlists available, values: 1 - 8
dviOff	Disables video output.	Current status of device	dviOff <cr></cr>	
dviOn	Enables video output.	Current status of device	dviOn <cr></cr>	On by default. Only needed if DVI port has already been disabled.

Scaler Controls				
Command	Description	Response	Example	Notes
scalerenable	Enables scaled output.	Current status of device	scalerenable <cr></cr>	Enables scaler to selected output resolution.
scalerdisable	Disables scaled output.	Current status of device	scalerdisable <cr></cr>	Disables scaler. Video output is source resolution.
modeset	Changes output resolution.	Current status of device	modeset:1080p60 <cr></cr>	Modes = auto 1080p59.94 1080p60 480p 480p59.94 720p59.94 720p60 Note: auto = scale to display native resolution

External Device Control				
Command	Description	Response	Example	Notes
sendir	Activates a stored IR command on Decoder.	Current status of device	sendir:commandname <cr></cr>	Command name is name created during commissioning project. If command is saved as PON - then command would be: sendir:PON.
sendirraw: <commanddata></commanddata>	Sends IR command with Pronto Code.	Current status of device	sendirraw: 0000 006C 0022 0000 015B 00AD 0016 0016 0016 0016 0016 0041 0016 0016 0016 0016 0016 0016 0016 0016	Sends Pronto Hex Code to attached IR port. No need to prestore command in device.
sendser: <commandname></commandname>	Executes serial command stored in unit's software. Recall is by saved name.	Current status of device	sendser:play <cr></cr>	The <commandname> is case and space sensitive. We recommend saving the commands as lowercase, all one word (for example, playpause).</commandname>

External Device Control (Cont.)				
Command	Description	Response	Example	Notes
serSet	Configures serial port to desired settings.	Current status of device	serSet:9600,8,none,1 <cr></cr>	serSet:baudrate,databits,parity,st op. Reference N-Able or other control software for valid settings. Only needed if serial port has not been initialized with N-Command software.

		N-Command software.
Decoder Response		
Response	Description	Notes
Additional information may be		ommands as well as in response to the getStatus command. recommended when decoding response data to search for the field \r".
SVSI_RXGEN2:N322A0400 00463	Device type and serial number	
NAME:Adam 3K	Name of device	Serial string with name (255 character max)
MAC:00:19:0B:00:0D:BE	Mac address of device	
IP:169.254.34.55	IP address of device	
NM:255.255.0.0	Subnet mask of device	
GW:169.254.1.1	Gateway of device	
IPTRIAL:0	IP in trial mode	N-Series software specific
IPMODE:AUTO IP	IP mode of device	DHCP Static Auto IP
SWVER:3/24/2016	Software version running on device	N-Series software specific
WEBVER:1412023780	Web version running on device	N-Series software specific
UPDATE:0	N-Series software specific	N-Series software specific
UPDTRY:0	N-Series software specific	N-Series software specific
UPDFAILED:0	N-Series software specific	N-Series software specific
MEDIAPORT0:on	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
MEDIAPORT1:off	Multicast traffic control	on = multicast can leave port off = no multicast can leave port
DIVASEN:0	N-Series software specific	N-Series software specific
DIVASIP:0.0.0.0	N-Series software specific	N-Series software specific
discoveryIP:239.254.12.16	N-Series software specific	N-Series software specific
enableDiscoveryPackets:on	N-Series software specific	N-Series software specific
discoveryIntervalSec:10	N-Series software specific	N-Series software specific
discoveryPort:50019	N-Series software specific	N-Series software specific
BAUD:115200	Serial port's communication speed in bits per second	300 1200 2400 4800 9600 14400 19200 28800 38400 57600 115200 230400
SNUMB:8	Number of databits per character specified for the serial port	7 8
SPAR:none	Serial port parity setting	even odd none
SP2S:1	Serial port's stop bit setting	1 2
MODE:720p60.mode	Scaler output mode	All modes are followed by .mode. Modes = auto 1080p59.94 1080p60 480p 480p59.94 720p59.94 720p60

Decoder Response (Co	ont.)	
Response	Description	Notes
PORTSD1:no	P1 disabled completely	yes = deactivated (no traffic) no = active and working
GARP:0	Gratuitous ARP option enabled/disabled	N-Series software specific
GARPINT:50	Interval setting	N-Series software specific
UNSOLST:1	Unsolicited status (to N-Series controllers)	N-Series software specific
UNSOLSTINT:10	Interval setting	N-Series software specific
ID:0	N-Series software specific	N-Series software specific
DVICEVTDLY:1	N-Act connect event delay time in seconds	up to 24 hours (measured in seconds)
DVIDEVTDLY:1	N-Act disconnect event delay time in seconds	up to 24 hours (measured in seconds)
USERMCMODE:off	Customize multicast address?	on = multicast will be customized off = multicast will NOT be customized
USERMCIP:0.0.0.0	Custom multicast address (USERMCMODE must be on)	multicast address
LPDISKSPACE:83268608	Available disk space for local play storage	N-Series software specific
HTTPS:0	Use secure network connection	0 = off 1 = on
UNICASTMODE:no	Unicast mode	yes = unicast mode is enabled no = unicast mode is disabled
LINEOUTVOL_L:35	Current line out volume - left channel	0 - 100%
LINEOUTVOL_R:35	Current line out volume - right channel	0 - 100%
MUTE:0	Mute status	0 = audio enabled 1 = audio disabled
STREAM:3	Current video stream	Numeric value
STREAMAUDIO:0	Current audio stream	Numeric value 0 = follow video
ADDLATENCYMILLISEC:0	Amount of additional stream latency applied	Delay time in milliseconds
SUPPORTBFRAMES:on	Decoder is to expect B-Frames in the stream	on off
SCALERBYPASS:no	Scaler status	yes = scaler IS disabled no = scaler IS enabled
PLAYMODE:local	Current playmode	local live
PLAYLIST:1	Current local playlist	Number 1 - 8
HDMIAUDIO:on	HDMI audio settings	auto on off
LIVEAUDIOLP:off	Play stream audio in local play	on = use stream audio off = use local play audio
YUVOUT:auto	Color space settings	auto on = YUV output off = normal output
SIMDVIDET:on	Simplified DVI detect	on off
FRAMEHOLD:off	Hold last frame if stream lost	on = hold last frame off = display local play
VIDOFFNOSTRM:off	Disabled DVI port on loss of stream	on = disable DVI on loss of stream off= display local play
DVIOFF:off	DVI port state	on = DVI disabled off = outputting video

Decoder Response (Co	ont.)	
Response	Description	Notes
DVISTATUS:disconnected	DVI status	connected = monitor on/detected disconnected = monitor off/ detached
INPUTRES:1280x720	Current incoming resolution	
XPORTPORT:18888	Network port for the UDP/RTP stream	port number
FPGAVER:8/1/2014	N-Series software specific	N-Series software specific
NEEDVSTRM:0	Not receiving current assigned stream	0 = receiving stream 1 = not receiving stream
ND_MRRQ:172.20.87.80	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_MRRQ_CHG:0	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_A_DROP:341	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_A_DROP1S:0	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_V_DROP:4448	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_V_DROP1S:0	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_F_DROP:0	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
ND_F_DROP1S:0	Results of N-Able Network Diagnostic Tools	Tracks potential networking issues. Contact technical support for more information.
FCPC:on	Force copy protection	on auto

Decoder getNetStatus Response				
Response	Description			
SVSI_NETSTATS:N3122A20000383	Device type and serial number of the N-Series device			
NAME:CBTest2300DEC	User-configured name of the N-Series device			
MAC:00:19:0B:80:31:9E	MAC address of the N-Series device			
IP:169.254.119.168	IP address of the N-Series device			
NM:255.255.0.0	Subnet mask of the N-Series device			
GW:169.254.1.1	Gateway IP address of the N-Series device			
SWVER:10/24/2016	Software version of the N-Series device			
chassisID:mac e0:d1:73:f5:0d:1d	MAC address of the switch connected to the N-Series device			
sysName:switchf50d1d	User-configured name of the switch connected to the N-Series device			
sysDescr:SG500X-24P 24-Port Gigabit with 4-Port 10-Gigabit PoE Stackable Managed Switch	User-configured description of the switch connected to the N-Series device			
portID:ifname gi1/1/5	User-configured name of the switch's port that is connected to the N-Series device			
portDescr:gigabitethernet1/1/5	User-configured description of the switch's port that is connected to the N-Series device			
FPGAVER:0/0/2000	Bit file version of the N-Series device			

Encoders

Device Status				
Command	Description	Response	Example	Notes
getStatus	Returns with current status of device.	Current status of device	getStatus <cr> or ?<cr></cr></cr>	Refer to return packet information in the <i>Encoder Response</i> table on page 9.
getNetStatus	Returns with current network status of device.	Current status of device	getNetStatus <cr></cr>	Refer to return packet information in the <i>Encoder getNetStatus</i> Response table on page 12.

Audio Status				
Command	Description	Response	Example	Notes
mute	Disables audio input.	Current status of device	mute <cr></cr>	This affects both analog inputs and digital inputs.
unmute	Enables audio input.	Current status of device	unmute <cr></cr>	

Mode Change				
Command	Description	Response	Example	Notes
live	Changes mode to live play.	Current status of device	live <cr></cr>	Only needed if Encoder has been commanded to local play.
local	Changes mode to host play.	Current status of device	local:4 <cr></cr>	8 playlists available, values: 1 - 8
txdisable	Disables all broadcasts from Encoder.	Current status of device	txdisable <cr></cr>	Any Encoders currently viewing stream will transition to local play.
txenable	Enables broadcast from Encoder.	Current status of device	txenable <cr></cr>	Re-enables broadcasting from Encoder if previously disabled.
vidsrc	Select the video input on the Encoder. Hdmivga or vgahdmi select a preferred order (digital over analog, or analog over digital) when both sources are connected.	Current status of device	vidsrc:hdmionly <cr></cr>	Applies to the N3132 only. Video input selections = hdmionly vgaonly hdmivga vgahdmi

USB Record Controls			
Command	Description	Example	Notes
formatUSB	Formats the USB drive.	formatUSB <cr></cr>	This command will not work if there is a recording in progress.
startRecord	Starts USB record.	startRecord <cr></cr>	Unit must be in SVSI decode or RTSP mode, <i>or</i> send multicast must always be enabled. For HDCP protected content, the files are encrypted.
stopRecord	Stops USB record	stopRecord <cr></cr>	If send is configured, the file is sent to a network file server after recording stops.
getUSBFree	Returns the free space on the USB drive (in bytes).	getUSBFree <cr></cr>	
setSettings:sendAutoDelete: [on,off]	If on, file on the USB drive are automatically deleted after sending.	setSettings:sendAutoDelete:on <cr></cr>	

USB Record Controls (Cont	.)		
Command	Description	Example	Notes
setSettings:sendConvertMP4: [on,off]	Converts file to MP4 before sending.	setSettings:sendConvertMP4:on <cr></cr>	This process takes extra USB storage and time.
setSettings:sendValidate:[on,off]	Validates that the send completed before deleting.	setSettings:sendValidate:on <cr></cr>	This process takes extra USB storage and time.
setSettings:sendPort:port	Sets a network port number for sending files in ftp or sftp mode.	setSettings:sendPort:22 <cr></cr>	
setSettings:sendPath:path	Sets a network storage path to transfer record files for Windows share mode.	setSettings:sendPath:fileStore <cr></cr>	
setSettings:recordBaseName:name	Sets base filename for record files.	setSettings:recordBaseName:MyRecord <cr></cr>	The file number and extension are appended to the base name.
setSettings:sendDestAddr:addr	Sets a destination address for sending files via ftp or sftp mode.	setSettings:sendDestAddr:192.168.1.91 <cr></cr>	
setSettings:sendUserPassword: password	File server user password.	setSettings:sendUserPassword:testp14 <cr></cr>	
setSettings:sendUserName:name	File server user name.	setSettings:sendUserName:mwerline <cr></cr>	
setSettings:usbEnable:[on,off]	Turns USB port on or off.	setSettings:usbEnable:off <cr></cr>	
setSettings:sendSchedule:[never, immediate, attime, inwindow]	Sets when to transfer files after recording stops.	setSettings:sendSchedule:inwindow <cr></cr>	
setSettings:sendMethod:[FTP, SFTP, SHARE]	Sets the protocol to transfer files after record stop.	setSettings:sendMethod:FTP <cr></cr>	
setSettings:sendStartTime:hour:min	Sets a start of time window for transferring files (in 24 hour format).	setSettings:sendStartTime:12:30 <cr></cr>	
setSettings:sendEndTime:hour:min	Sets an end of time window for transferring files (in 24 hour format).	setSettings:sendEndTime:15:30 <cr></cr>	

Scaler Controls				
Command	Description	Response	Example	Notes
scalerenable	Enables scaled output.	Current status of device	scalerenable <cr></cr>	Enables scaler. Content will be broadcast as selected output resolution.
scalerdisable	Disables scaled output.	Current status of device	scalerdisable <cr></cr>	Disables scaler.
modeset	Changes output resolution.	Current status of device	modeset:1080p60 <cr></cr>	Modes = 1080p59.94 1080p60 480p 480p59.94 720p59.94 720p60

External Device C	ontrol			
Command	Description	Response	Example	Notes
sendirraw: <commanddata></commanddata>	Sends IR command with Pronto Code.	Current status of device	sendirraw: 0000 006C 0022 0000 015B 00AD 0016 0016 0016 0016 0016 0041 0016 0016 0016 0016 0016 0016 0016 0016	Sends Pronto Hex Code to attached IR port. No need to prestore command in device.
sendser: <commandname></commandname>	Executes serial command stored in unit's software. Recall is by saved name.	Current status of device	sendser:play <cr></cr>	The <commandname> is case and space sensitive. We recommend saving the commands as lowercase, all one word (for example, playpause).</commandname>
serSet	Configures serial port to desired settings.	Current status of device	serSet:9600,8,none,1< CR>	serSet:baudrate,databits,parity,sto p. Reference N-Able or other control software for valid settings. Only needed if serial port has not been initialized with N-Command software.

Encoder Response		
Response	Description	Notes
Additional information may be conta		ds as well as in response to the getStatus command. ended when decoding response data to search for the field
SVSI_TXGEN2:N312A030000006	Device type and serial number	
NAME:Adam N-Enc	Device name	
MAC:00:19:0B:00:08:86	Device MAC	
IP:169.254.119.168	Device IP	
NM:255.255.0.0	Device subnet mask	
GW:169.254.1.1	Device gateway	
IPTRIAL:0	IP trial mode (during resetting of IP addresses)	N-Series software specific
IPMODE:AUTO IP	IP mode of device	DHCP Static Auto IP
SWVER:6/21/2014	Software version	N-Series software specific
WEBVER:1371820321	Web interface version	N-Series software specific
UPDATE:0	Update flags for N-Series updater	N-Series software specific
UPDTRY:0	Update flags for N-Series updater	N-Series software specific
UPDFAILED:0	Update flags for N-Series updater	N-Series software specific

Encoder Response (Cont.)			
Response	Description	Notes	
MEDIAPORT0:on	P0 multicast status	on = multicast can leave port off = no multicast can leave port	
MEDIAPORT1:on	P1 multicast status	on = multicast can leave port off = no multicast can leave port	
DIVASEN:0	N-Series software specific	N-Series software specific	
DIVASIP:0.0.0.0	N-Series software specific	N-Series software specific	
discoveryIP:239.254.12.16	N-Series software specific	N-Series software specific	
enableDiscoveryPackets:on	N-Series software specific	N-Series software specific	
discoveryIntervalSec:10	N-Series software specific	N-Series software specific	
discoveryPort:50019	N-Series software specific	N-Series software specific	
BAUD:9600	Serial port's communication speed in bits per second	300 1200 2400 4800 9600 14400 19200 28800 38400 57600 115200 230400	
SNUMB:8	Number of databits per character specified for the serial port	7 8	
SPAR:none	Serial port parity setting	even odd none	
SP2S:1	Serial port's stop bit setting	1 2	
MODE:720p59.94.mode	Scaler output mode	All modes are followed by .mode. Modes = auto 1080p59.94 1080p60 480p 480p59.94 720p59.94 720p60	
PORTSD1:no	P1 disabled completely	yes = deactivated (no traffic) no = active and working	
GARP:0	Gratuitous ARP option enabled/disabled	N-Command specific	
GARPINT:50	Interval for ARP	N-Command specific	
UNSOLST:1	Unsolicited status enabled	N-Command specific	
UNSOLSTINT:10	Interval for unsolicited status	N-Command specific	
ID:0	N-Series software specific	N-Series software specific	
DVICEVTDLY:1	N-Act connect event delay time in seconds	up to 24 hours (measured in seconds)	
DVIDEVTDLY:1	N-Act disconnect event delay time in seconds	up to 24 hours (measured in seconds)	
USERMCMODE:off	Customize multicast address?	on = multicast will be customized off = multicast will NOT be customized	
USERMCIP:0.0.0.0	Custom multicast address (USERMCMODE must be on)	multicast address	
UNICASTMODE:no	Unicast mode	yes = unicast mode is enabled no = unicast mode is disabled	
UNICASTADDR:0.0.0.0	Unicast network address for the AV stream (if unicast mode is enabled)	IP address	
LPDISKSPACE:95454208	Host play disk space	N-Series software specific	
HTTPS:0	Use secure network connection	0 = off 1 = on	
LINEIN:bal	Line in is balanced or unbalanced	se = unbalanced audio bal = balanced audio	
MUTE:0	Mute status	0 = audio enabled 1 = muted	
STREAM:134	Broadcast stream of Encoder		

Response Description Audio ample rate SAMPLE-144100 Audio ample rate Audio Cale SAMPLE-144100 Audio delay in milliseconds N-Series software specific (not currently used) AUDIODELAY:21000 Audio delay in milliseconds N-Series software specific (not currently used) AUDIODELAY:21000 Audio delay in milliseconds N-Series software specific (not currently used) AUDIODELAY:21000 Note: Should be audio. HENONSUP-off Host play in unsupported mode N-Series software specific HIPMAUDIO:0 In HOM audio state Audio In HP mode In Indicates separate N-Series compatible audio stream transmitted by an Encoder OUALITY:100 Compression level N-Series software specific MOTQUAL:100 Motion level N-Series software specific MOTQUAL:100 How Motion level N-Series software specific VIDEOBITRATE:5000000 Bitrate for the compressed video stream bitrate in bits per second SCALERBYPASS:yes Scaler enabed/disabled yes - disabled no - enabled no - enabled	Encoder Response (Cont.)		
AUDIODELAY:21000 Audio delay in milliseconds N-Series software specific (not currently used) CLRSPCCOR:auto Color space correction auto on off Note: Should be auto. HPNONSUP:off Host play in unsupported mode N-Series software specific HDMIAUDIO:auto HDMI audio state auto on off HDMIAUDIO:auto HDMI audio state auto on off HDMIAUDIO:auto HDMI audio state auto on off HDMIAUDIO:auto HDMI audio state auto on off (N-Series software specific) Indicates separate N-Series compatible auto on off AN-Series software specific Indicates separate N-Series compatible audio stream transmitted by an Encoder QUALITY:100 Compression tovel N-Series software specific MOTQUAL:100 Motion level N-Series software specific NOTQUAL:100 Motion level N-Series software specific PLAYMODE live Device mode PLAYMODE live Device mode PLAYMODE live Device mode Playlists are 1 - 8 Playlists are 1 -	Response	Description	Notes
CLRSPCCOR:auto Color space correction auto on off Note: Should be auto. HPNONSUP:off Host play in unsupported mode N-Series software specific HDMIAUDIO:auto HDMIAUDIO:auto HDMI audio state LIVEAUDIOHP.off Use live audio source while in HP mode STREAMPCMAUDIO:off Indicates separate N-Series compatible audio stream transmitted by an Encoder QUALITY:100 Compression level N-Series software specific VIDEOBITRATE:5000000 Bitrate for the compressed video stream VIDEOBITRATE:5000000 Bitrate for the compressed video stream VIDEOBITRATE:5000000 Bitrate for the compressed video stream VIDEOBITRATE:5000000 Bitrate in bits per second ViDEOBITRATE:5000000 DUIBW-1034160 Duibut bandwidth in bytes per second VIDEOBITRATE:50000 DUIBW-1034160 Duibut bandwidth in megabytes per second Duibut bandwidth in bits per second Duibut bandwidth in b	SAMPLE:44100	Audio sample rate	
HPNONSUP:off Host play in unsupported mode N-Series software specific auto on off LUFALUDIO:auto HDMI audio state on off (N-Series software specific) Indicates separate N-Series compatible auto stream transmitted by an Encoder on off (N-Series software specific) STREAMPCMAUDIO:off Indicates separate N-Series compatible audio stream transmitted by an Encoder on off (N-Series software specific) UDALITY:100 Compression level N-Series software specific Northouse of the local Northouse of the local N-Series software specific Northouse of the local N-Series software specific Northouse Northouse Output bandwidth in bytes per second N-Series software specific Northouse Northou	AUDIODELAY:21000	Audio delay in milliseconds	N-Series software specific (not currently used)
HDMIAUDIO:auto HDM audio state auto on off (N-Series software specific) STREAMPCMAUDIO:off Use live audio source while in HP mode on off (N-Series software specific) STREAMPCMAUDIO:off Indicates separate N-Series compatible audio stream transmitted by an Encoder QUALITY:100 Compression level N-Series software specific MOTQUAL:100 Motion level N-Series software specific MOTQUAL:100 Motion level N-Series software specific MOTQUAL:100 Motion level N-Series software specific MOTQUAL:100 Bitrate for the compressed video stream bitrate in bits per second SCALERBYPASS:yes Scaler enabled/disabled yes = disabled no = enabled PLAYMODE:live Device mode live local PLAYMODE:live Device mode Playlists are 1 - 8 OUTBW:1034:160 Output bandwidth in bytes per second N-Series software specific OUTBW:1034:160 Output bandwidth in megabytes per second N-Series software specific AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second DVINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passithrough port connected = source is available disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passithrough port N-Series software specific PTYUVOUTauto Passithrough color correction auto on off PTPUMAUDIO:on Passithrough color correction auto on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP stream encapsulation on off RTPS-URCAP-off RTP stream encapsulation on off RTMPURIL:tripp:// 168:254.151.33.8554 N3000 Network URL for Encoder AV stream stream URL 469:141.142.142.142.142.142.142.142.142.142.	CLRSPCCOR:auto	Color space correction	
LIVEAUDIOHP.off Use live audio source while in HP mode STREAMPCMAUDIO:off Indicates separate N-Series compatible audio stream transmitted by an Encoder M-Series software specific N-Series software specific N-S	HPNONSUP:off	Host play in unsupported mode	N-Series software specific
Indicates separate N-Series compatible audio stream transmitted by an Encoder QUALITY:100 Compression level N-Series software specific N-Series software specific N-Series software specific N-Series software specific D-VIDEOBITRATE:5000000 Bitrate for the compressed video stream bitrate in bits per second SCALERBYPASS.yes Scaler enabled disabled yes = disabled no = enabled PLAYMODE:Inv Device mode Ivve local PLAYMODE:Inv Device mode Ivve local PLAYMODE:Inv Device mode Ivve local PLAYMOBE:Inv Device mode Ivve local PLAYLIST:1 Host playlist to be displayed Playlists are 1 - 8 OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBW:1034160 Output bandwidth in megabytes per second N-Series software specific OUTBW:192000 Current compressed audio bitrate bitrate in bits per second DVIINPUT:0000 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:0000 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:0000 Passthrough port connected = source is available disconnected = no source DVIINPUT:0000 Passthrough port N-Series software specific DVIINPUT:0000 Passthrough DVI detect for passthrough port N-Series software specific DVIINPUT:0000 Passthrough color correction auto on off DVIINPUT:0000 Passthrough HDMI audio on off DVIINPUT:0000 Passthrough HDMI audio on off DVIINPUT:0000 Passthrough port protected no no off DVIINPUT:0000 Passthrough DVII detect for passthrough on off DVIINPUT:0000 Passthrough DVIINPUT:00	HDMIAUDIO:auto	HDMI audio state	auto on off
audio stream transmitted by an Encoder QUALITY:100 Compression level N-Series software specific N-Series software specific NECTOLAL:100 Motion level N-Series software specific N-Series software specific bitrate in bits per second SCALERBYPASS;yes Scaler enabled/disabled yes = disabled no = enabled PLAYMODE:live Device mode live local PLAYMODE:live Device mode N-Series software specific OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBW:MBS: 7.8 Output bandwidth in bytes per second N-Series software specific OUTBW:MBS: 7.8 Output bandwidth in megabytes per second N-Series software specific OUTBW:MBS: 7.8 Output bandwidth in megabytes per second N-Series software specific OUTBW:MBS: 7.8 Output bandwidth in megabytes per second N-Series software specific DVIINPUT: DVI	LIVEAUDIOHP:off	Use live audio source while in HP mode	on off (N-Series software specific)
MOTQUAL:100 Motion level N-Series software specific VIDEOBITRATE:5000000 Bitrate for the compressed video stream bitrate in bits per second SCALERBYPASS:yes Scaler enabled/disabled yes = disabled no = enabled PLAYMODE:live Device mode live local PLAYLIST:1 Host playlist to be displayed Playlists are 1 - 8 OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBW:1034160 Output bandwidth in megabytes per second N-Series software specific AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBW:192000 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET.off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough tDMI audio on off PTHDMIAUDIC:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAPoff RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name stream URL STREAMURL:rtsp:// 169.254.151.33.8554/N3000 Volume control - left channel (gain only) 0 - 100%	STREAMPCMAUDIO:off	· · · · · · · · · · · · · · · · · · ·	on off
VIDEOBITRATE:5000000 Sitrate for the compressed video stream bitrate in bits per second SCALERBYPASS:yes Scaler enabled/disabled yes = disabled no = enabled yes = disabled no on off yes disable	QUALITY:100	Compression level	N-Series software specific
SCALERBYPASS:yes Scaler enabled/disabled yes = disabled no = enabled PLAYMODE:live Device mode live local PLAYMODE:live Device mode live local PLAYLIST:1 Host playlist to be displayed Playlists are 1 - 8 OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBWMBS: 7.8 Output bandwidth in megabytes per second N-Series software specific AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBW:SS:192.0 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off PTHDMIAUDIO:on Passthrough HDMI audio on off PTHDMIAUDIO:on CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's stream name STREAMURL:rtsp:// RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33.8554/N3000 AGAINI:0 Volume control - left channel (gain only) 0 - 100%	MOTQUAL:100	Motion level	N-Series software specific
PLAYMODE:live Device mode live local PLAYLIST:1 Host playlist to be displayed Playlists are 1 - 8 OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBW:85:192.0 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP stream encapsulation on off RTP Stream encapsulation on off RTP Stream name content server's URL RTMPVRL:rtmp: URL for RTMP transmission content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINE:0 Volume control - left channel (gain only) 0 - 100%	VIDEOBITRATE:5000000	Bitrate for the compressed video stream	bitrate in bits per second
PLAYLIST:1 Host playlist to be displayed Playlists are 1 - 8 OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBWMBS: 7.8 Output bandwidth in megabytes per second N-Series software specific AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBWKBS:192.0 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP Stream encapsulation on off RTP Stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name stream uRL AGAINE:0 Volume control - left channel (gain only) 0 - 100% AGAINE:0 Volume control - left channel (gain only) 0 - 100%	SCALERBYPASS:yes	Scaler enabled/disabled	yes = disabled no = enabled
OUTBW:1034160 Output bandwidth in bytes per second N-Series software specific OUTBWMBS: 7.8 Output bandwidth in megabytes per second N-Series software specific AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBW:19200 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIINPUT:connected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33.8554/N3000 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	PLAYMODE:live	Device mode	live local
Output bandwidth in megabytes per second N-Series software specific DUITBWMBS: 7.8 Output bandwidth in megabytes per second DUITBW: 192000 Current compressed audio bitrate bitrate in kilobits per second bitrate in kilobits per second DVIINPUT: connected Source status connected = source is available disconnected = no source DVIPASSTHR: disconnected Passthrough port Connected = monitor detected disconnected = no monitor PTSIMDVIDET: off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT: auto Passthrough color correction Passthrough HDMI audio On off CPC: allowed Allow HDCP video to be encoded? INPUTRES: 1280x720 Current incoming resolution XPORTSTREAM: on Transport stream encapsulation RTP stream encapsulation N-Series software specific auto on off allowed blocked clayed blocked current source protected? protected not-protected INPUTRES: 1280x720 Current incoming resolution XPORTSTREAM: on Transport stream encapsulation ARTP stream encapsulation On off RTPPURL: rtmp: URL for RTMP transmission content server's URL RTMPStream: none RTMP stream name STREAMURL: rtsp:// 169.254.151.33.8554/N3000 Volume control - left channel (gain only) O - 100% AGAINI: O Volume control - left channel (gain only) O - 100%	PLAYLIST:1	Host playlist to be displayed	Playlists are 1 - 8
AUDOUTBW:192000 Current compressed audio bitrate bitrate in bits per second AUDOUTBWKBS:192.0 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP stream encapsulation on off RTPStream:none RTMP transmission content server's URL RTMPURL:rtmp: URL for RTMP transmission content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINI:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	OUTBW:1034160	Output bandwidth in bytes per second	N-Series software specific
AUDOUTBWKBS:192.0 Current compressed audio bitrate bitrate in kilobits per second DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP stream encapsulation on off RTPDHCL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINIL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	OUTBWMBS: 7.8	Output bandwidth in megabytes per second	N-Series software specific
DVIINPUT:connected Source status connected = source is available disconnected = no source DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port Passthrough color correction Passthrough HDMI audio CPC:allowed Allow HDCP video to be encoded? Allowed blocked CISPROT:not-protected Current source protected? INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation RTP stream encapsulation RTP Stream encapsulation RTMPURL:rtmp: URL for RTMP transmission RTMPURL:rtmp: URL for RTMP transmission STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINIC:0 Volume control - left channel (gain only) 0 - 100% AGAINIC:0	AUDOUTBW:192000	Current compressed audio bitrate	bitrate in bits per second
DVIPASSTHR:disconnected Passthrough port connected = monitor detected disconnected = no monitor PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP Stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	AUDOUTBWKBS:192.0	Current compressed audio bitrate	bitrate in kilobits per second
PTSIMDVIDET:off Simplified DVI detect for passthrough port N-Series software specific PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTP stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	DVIINPUT:connected	Source status	· ·
PTYUVOUT:auto Passthrough color correction auto on off PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINI:0 Volume control - left channel (gain only) 0 - 100% AGAINIR:0 Volume control - right channel (gain only) 0 - 100%	DVIPASSTHR:disconnected	Passthrough port	·
PTHDMIAUDIO:on Passthrough HDMI audio on off CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	PTSIMDVIDET:off	Simplified DVI detect for passthrough port	N-Series software specific
CPC:allowed Allow HDCP video to be encoded? allowed blocked CISPROT:not-protected Current source protected? protected not-protected INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Network URL for Encoder AV stream AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	PTYUVOUT:auto	Passthrough color correction	auto on off
CISPROT:not-protected Current source protected? INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation RTP stream encapsulation RTP stream encapsulation On off RTMPURL:rtmp: URL for RTMP transmission Content server's URL RTMPStream:none RTMP stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINL:0 Volume control - left channel (gain only) O - 100% AGAINR:0 Volume control - right channel (gain only) O - 100%	PTHDMIAUDIO:on	Passthrough HDMI audio	on off
INPUTRES:1280x720 Current incoming resolution XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Network URL for Encoder AV stream stream URL AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	CPC:allowed	Allow HDCP video to be encoded?	allowed blocked
XPORTSTREAM:on Transport stream encapsulation on off RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Network URL for Encoder AV stream stream URL AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	CISPROT:not-protected	Current source protected?	protected not-protected
RTPENCAP:off RTP stream encapsulation on off RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Network URL for Encoder AV stream AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	INPUTRES:1280x720	Current incoming resolution	
RTMPURL:rtmp: URL for RTMP transmission content server's URL RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Network URL for Encoder AV stream stream URL AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	XPORTSTREAM:on	Transport stream encapsulation	on off
RTMPStream:none RTMP stream name content server's stream name STREAMURL:rtsp:// 169.254.151.33:8554/N3000 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	RTPENCAP:off	RTP stream encapsulation	on off
STREAMURL:rtsp:// 169.254.151.33:8554/N3000 AGAINL:0 Volume control - left channel (gain only) AGAINR:0 Volume control - right channel (gain only) 0 - 100%	RTMPURL:rtmp:	URL for RTMP transmission	content server's URL
169.254.151.33:8554/N3000 AGAINL:0 Volume control - left channel (gain only) 0 - 100% AGAINR:0 Volume control - right channel (gain only) 0 - 100%	RTMPStream:none	RTMP stream name	content server's stream name
AGAINR:0 Volume control - right channel (gain only) 0 - 100%		Network URL for Encoder AV stream	stream URL
	AGAINL:0	Volume control - left channel (gain only)	0 - 100%
FPGAVER:6/20/2014 N-Series software specific N-Series software specific	AGAINR:0	Volume control - right channel (gain only)	0 - 100%
	FPGAVER:6/20/2014	N-Series software specific	N-Series software specific

Encoder Response (Cont.)		
Response	Description	Notes
REDBRIGHTNESS:-64	Analog video brightness adjustment	-127 to 127
GREENBRIGHTNESS:-64	Analog video brightness adjustment	-127 to 127
BLUEBRIGHTNESS:-64	Analog video brightness adjustment	-127 to 127
SOGWindow:16	Current sync on green sensitivity	0-63
INPUTGAINLEFT:0	Audio input gain (left channel)	0 -1.5 -3 -4.5 -6 -7.5 -9 -10.5 -12 dB
INPUTGAINRIGHT:0	Audio input gain (right channel)	0 -1.5 -3 -4.5 -6 -7.5 -9 -10.5 -12 dB
RTSPPORT:8554	RTSP network port number	port number

Encoder getNetStatus Response	
Response	Description
SVSI_NETSTATS:N3132A20000383	Device type and serial number of the N-Series device
NAME:CBTest2300ENC	User-configured name of the N-Series device
MAC:00:19:0B:80:31:9E	MAC address of the N-Series device
IP:169.254.119.168	IP address of the N-Series device
NM:255.255.0.0	Subnet mask of the N-Series device
GW:169.254.1.1	Gateway IP address of the N-Series device
SWVER:10/24/2016	Software version of the N-Series device
chassisID:mac e0:d1:73:f5:0d:1d	MAC address of the switch connected to the N-Series device
sysName:switchf50d1d	User-configured name of the switch connected to the N-Series device
sysDescr:SG500X-24P 24-Port Gigabit with 4-Port 10-Gigabit PoE Stackable Managed Switch	User-configured description of the switch connected to the N-Series device
portID:ifname gi1/1/5	User-configured name of the switch's port that is connected to the N-Series device
portDescr:gigabitethernet1/1/5	User-configured description of the switch's port that is connected to the N-Series device
FPGAVER:0/0/2000	Bit file version of the N-Series device