



Field Conventions

Access: ro means read-only, rw means read/write, and c means constant. **Path:** the full slash-separated address of the node in the descriptor tree. **Defaults and limits:** values are carried from the supplied source catalogs. Array indexes are 0-based.

Parameter Reference

VE-610 Encoder

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	configuration	Model	/configuration/device/model	string	ro	VE-610				Device model identifier.	Get: X
VE-610	configuration	Serial Number	/configuration/device/serialnumber	string	ro	VE610XXXXXXXXXX				Device serial number.	Get: X
VE-610	configuration	Firmware Version	/configuration/device/version	string	ro					Installed firmware version.	Get: X
VE-610	configuration	Name	/configuration/device/name	string	rw	VE610-000001				H-Control device name.	Get: X; Set: X
VE-610	configuration	Enable	/configuration/network/interface/enable	boolean	ro					Enable status of the primary network interface.	Get: X
VE-610	configuration	Host Name	/configuration/network/interface/hostname	string	rw	VE610-000001				Host name of the primary network interface.	Get: X; Set: X
VE-610	configuration	Domain Name	/configuration/network/interface/domainname	string	rw					Domain name of the primary network interface.	Get: X; Set: X
VE-610	configuration	Domain Assign	/configuration/network/interface/domainassign	boolean	rw					Enable or disable domain assignment.	Get: X; Set: X
VE-610	configuration	Manual DNS	/configuration/network/interface/dnsassign	boolean	rw					Enable or disable manual DNS assignment.	Get: X; Set: X
VE-610	configuration	DNS Server Address	/configuration/network/interface/dnsserver	array						DNS server address list.	Get: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	configuration	IP Address	/configuration/network/interface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				DNS server IPv4 address.	Get: X; Set: X
VE-610	configuration	Enable	/configuration/network/interface/ipv4/enable	boolean	ro					Enable status of IPv4 on the primary interface.	Get: X
VE-610	configuration	Address Negotiation	/configuration/network/interface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	IPv4 address negotiation mode.	Get: X; Set: X
VE-610	configuration	IP Address	/configuration/network/interface/ipv4/ipaddress	string	rw					Primary-interface IPv4 address.	Get: X; Set: X
VE-610	configuration	Subnet Mask	/configuration/network/interface/ipv4/subnetmask	string	rw					Primary-interface IPv4 subnet mask.	Get: X; Set: X
VE-610	configuration	Gateway	/configuration/network/interface/ipv4/gateway	string	rw					Primary-interface IPv4 gateway.	Get: X; Set: X
VE-610	configuration	Enable	/configuration/network/interface/ipv6/enable	boolean	rw					Enable or disable IPv6 on the primary interface.	Get: X; Set: X
VE-610	configuration	Address Negotiation	/configuration/network/interface/ipv6/dhcp	enum	rw	0	DHCP, Static	0	1	IPv6 address negotiation mode.	Get: X; Set: X
VE-610	configuration	IP Address	/configuration/network/interface/ipv6/ipaddress	string	rw					Primary-interface IPv6 address.	Get: X; Set: X
VE-610	configuration	Prefix Length	/configuration/network/interface/ipv6/prefix	integer	rw	64		0	128	IPv6 prefix length.	Get: X; Set: X
VE-610	configuration	Gateway	/configuration/network/interface/ipv6/gateway	string	rw					Primary-interface IPv6 gateway.	Get: X; Set: X
VE-610	configuration	Enable	/configuration/network/danteInterface/enable	boolean	rw					Enable or disable the Dante network interface.	Get: X; Set: X
VE-610	configuration	Name	/configuration/network/danteInterface/vlanNumber	integer	rw	1		1	4095	Dante-interface VLAN number.	Get: X; Set: X
VE-610	configuration	Manual DNS	/configuration/network/danteInterface/dnsassign	boolean	rw					Enable or disable manual DNS assignment for Dante.	Get: X; Set: X
VE-610	configuration	DNS Server Address	/configuration/network/danteInterface/dnsserver	array						Dante-interface DNS server address list.	Get: X
VE-610	configuration	IP Address	/configuration/network/danteInterface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				Dante-interface DNS server IPv4 address.	Get: X; Set: X
VE-610	configuration	Address Negotiation	/configuration/network/danteInterface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	Dante-interface IPv4 negotiation mode.	Get: X; Set: X
VE-610	configuration	IP Address	/configuration/network/danteInterface/ipv4/ipaddress	string	rw					Dante-interface IPv4 address.	Get: X; Set: X
VE-610	configuration	Subnet Mask	/configuration/network/danteInterface/ipv4/subnetmask	string	rw					Dante-interface IPv4 subnet mask.	Get: X; Set: X
VE-610	configuration	Gateway	/configuration/network/danteInterface/ipv4/gateway	string	rw					Dante-interface IPv4 gateway.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	Encoder	Auto Recovery Enable	/encoder/autoRecovery/enable	boolean	rw	TRUE				Enable or Disable the unit from performing a communications check with a pingable IP address on the network.	Get: X; Set: X
VE-610	Encoder	Heartbeat	/encoder/autoRecovery/heartbeat	integer	rw	15		1	60	Setting to specify in minutes how often to ping the IP address	Get: X; Set: X
VE-610	Encoder	Threshold	/encoder/autoRecovery/threshold	integer	rw	60		1	120	Setting to specify in minutes the period of no response before rebooting the device.	Get: X; Set: X
VE-610	Encoder	IP Address	/encoder/autoRecovery/ipAddress	string	ro	IPv4 Gateway Address				IPv4 Address used to ping for the Heartbeat to respond.	Get: X
VE-610	Encoder	Auto Update	/encoder/systemStatus/autoUpdate	boolean	ro	TRUE				Used to track the out of the box firmware update	Get: X
VE-610	streamSetup	AV-A Enable	/encoder/streamSetup/avaEnable	boolean	rw	False				Enable software Dante AV-A feature in ASpeed. For WP, only the units having Dante license have this setting.	Get: X; Set: X
VE-610	streamSetup	TX Enable	/encoder/streamSetup/txEnable	boolean	rw	True				Enables encoder TX (stream output). NOTE: source Direct Control API notes for txenable/txdisable appear swapped — verify against device behavior.	Get: X; Set: X
VE-610	streamSetup	Synchronize Device Name	/encoder/streamSetup/syncDeviceName	boolean	rw	True				Device name synchronize to H-Control and Dante Device Name.	Get: X; Set: X
VE-610	streamSetup	Video Stream	/encoder/streamSetup/videoStreamNumber	integer	rw	610		0	32767	Multicast stream ID of Encoder.	Get: X; Set: X
VE-610	streamSetup	Video Multicast Address	/encoder/streamSetup/videoMulticastAddress	string	ro	239.255.4.195				Read-only multicast IP address the encoder uses for its video stream.	Get: X
VE-610	streamSetup	Audio Multicast Address	/encoder/streamSetup/audioMulticastAddress	string	ro	239.255.4.196				Read-only multicast IP address the encoder uses for its audio stream.	Get: X
VE-610	streamSetup	Input Audio for Host Play	/encoder/streamSetup/inputAudio	boolean	rw	False	on, off			Selects the audio source used for Host Play. on = Use Stream Audio, off = Use Host Play Audio. Confirmed against the corresponding Direct Control API field, LIVEAUDIOHP.	Get: X; Set: X
VE-610	streamSetup	Play Mode	/encoder/streamSetup/playMode	enum	rw	0	LIVE, Host Play			Device play mode: LIVE or Host Play. The Direct Control API documents PLAYMODE with additional states (live-local, off) not present in this enum, and this model has no playlist selection -- HControl exposes only these two values for playMode here.	Get: X; Set: X
VE-610	streamSetup	HDCP Support	/encoder/streamSetup/hdcpSupport	enum	rw	0	2.x, 1.x, None			Set HDCP advertising on encoder, default is 2.2.	Get: X; Set: X
VE-610	streamSetup	Video Mute	/encoder/streamSetup/videoMute	boolean	rw	False				Video Mute status.	Get: X; Set: X
VE-610	streamSetup	Preview Image	/encoder/streamSetup/previewImage	boolean	rw	True				Enable/disable generation of a preview image thumbnail for this stream (class: harman.nav.imagepreview).	Get: X; Set: X
VE-610	managementSetup	Low Power Mode	/encoder/managementSetup/lowPowerMode	boolean	rw	False				Low power mode status.	Get: X; Set: X
VE-610	managementSetup	Settings Lock	/encoder/managementSetup/settingsLock	boolean	rw	False				Set Management Lock/Unlock. Same behavior as WEBProc:Lock: <on off>.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	managementSetup	Multicast Address Override	/encoder/managementSetup/multicastAddressOverride	boolean	rw	False				Multicast Address Override enable or disable for main stream.	Get: X; Set: X
VE-610	managementSetup	Multicast Address	/encoder/managementSetup/multicastAddress	string	rw	239.253.0.0				User defined Multicast Address for overriding main stream. Only the first two octets are used for overriding; the last two octets are generated by stream ID.	Get: X; Set: X
VE-610	managementSetup	Enable SNMP	/encoder/managementSetup/enableSNMP	boolean	rw	False				Enable/Disable SNMP.	Get: X; Set: X
VE-610	generalSetup	IGMP V3 Support	/encoder/generalSetup/igmpv3Support	boolean	rw	False				Enable/Disable IGMP V3 support.	Get: X; Set: X
VE-610	generalSetup	Enable Send Status	/encoder/generalSetup/sendStatusEnable	boolean	rw	True				Enable Send Status function.	Get: X; Set: X
VE-610	generalSetup	Send Status Address	/encoder/generalSetup/statusIP	string	rw					Sets the destination IP of the Send Status function.	Get: X; Set: X
VE-610	generalSetup	Status Intervals (sec)	/encoder/generalSetup/statusInterval	enum	rw	10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500			Interval, in seconds, between Send Status transmissions when enabled (10–500 in steps of 10).	Get: X; Set: X
VE-610	generalSetup	Gratuitous ARP	/encoder/generalSetup/gratARPEnable	boolean	rw	True				Enable/disable transmission of gratuitous ARP packets.	Get: X; Set: X
VE-610	generalSetup	ARP Interval(sec)	/encoder/generalSetup/gratARPInterval	enum	rw	10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500			Interval, in seconds, between gratuitous ARP transmissions (10–500 in steps of 10).	Get: X; Set: X
VE-610	generalSetup	Discovery Packet Transmit	/encoder/generalSetup/enableDiscoveryPackets	boolean	rw	True				Enable/disable transmission of network discovery packets.	Get: X; Set: X
VE-610	generalSetup	Discovery Intervals (sec)	/encoder/generalSetup/discoveryIntervalSec	enum	rw	10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,			Interval, in seconds, between discovery packet transmissions (1–60).	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60				
VE-610	generalSetup	DSCP	/encoder/generalSetup/dscp	enum	rw	5	0, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 46, 48, 56			Set DSCP.	Get: X; Set: X
VE-610	datetime	Date Time	/encoder/datetime/datetime	string	rw	25569				Current device date/time, in ISO 8601 format (class: harman.common.datetime).	Get: X; Set: X
VE-610	datetime	Time Zone	/encoder/datetime/timezone	enum	rw	9	(UTC-12:00) International Date Line West, (UTC-11:00) Midway Island, Samoa, (UTC-10:00) Hawaii, (UTC-09:00) Alaska, (UTC-08:00) Pacific Time (US & Canada & Tijuana), (UTC-07:00) Arizona, (UTC-07:00) Chihuahua, La Paz, Mazatlan, (UTC-07:00) Mountain Time (US & Canada), (UTC-06:00) Central America, (UTC-06:00) Central Time (US & Canada), (UTC-06:00) Guadalajara, Mexico City, Monterrey, (UTC-06:00) Saskatchewan, (UTC-05:00) Bogota, Lima, Quito, (UTC-05:00) Eastern Time (US & Canada), (UTC-05:00) Indiana (East), (UTC-04:00) Atlantic Time (Canada), (UTC-04:00) Caracas, La Paz, (UTC-04:00) Santiago, (UTC-03:30) Newfoundland, (UTC-03:00) Brasilia, (UTC-03:00) Buenos Aires, Georgetown,	0	74	Time zone setting.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							(UTC-03:00) Greenland, (UTC-02:00) Mid-Atlantic, (UTC-01:00) Azores, (UTC-01:00) Cape Verde Is, (UTC) Casablanca, Monrovia, (UTC) Greenwich Mean Time (Dublin & Edinburgh & Lisbon & London), (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna, (UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague, (UTC+01:00) Brussels, Copenhagen, Madrid, Paris, (UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb, (UTC+01:00) West Central Africa, (UTC+02:00) Athens, Beirut, Istanbul, Minsk, (UTC+02:00) Bucharest, (UTC+02:00) Cairo, (UTC+02:00) Harare, Pretoria, (UTC+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius, (UTC+02:00) Jerusalem, (UTC+03:00) Baghdad, (UTC+03:00) Kuwait, Riyadh, (UTC+03:00) Moscow, St. Petersburg, Volgograd, (UTC+03:00) Nairobi, (UTC+03:30) Tehran, (UTC+04:00) Abu Dhabi, Muscat, (UTC+04:00) Baku, Tbilisi, Yerevan,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							(UTC+04:30) Kabul, (UTC+05:00) Ekaterinburg, (UTC+05:00) Islamabad, Karachi, Tashkent, (UTC+05:30) Chennia, Kolkata, Mumbai, New Delhi, (UTC+05:45) Kathmandu, (UTC+06:00) Almaty, Novosibirsk, (UTC+06:00) Astana, Dhaka, (UTC+06:00) Sri Jayawardenepur a, (UTC+06:30) Rangoon, (UTC+07:00) Bangkok, Hanoi, Jakarta, (UTC+07:00) Krasnoyarsk, (UTC+08:00) Beijing, Chongqing, Hong Kong, Urumgi, (UTC+08:00) Taipei, (UTC+08:00) Irkutsk, Ulaan Battar, (UTC+08:00) Kuala Lumpur, Singapore, (UTC+08:00) Perth, (UTC+09:00) Osaka, Sapporo, Tokyo, (UTC+09:00) Seoul, (UTC+09:00) Yakutsk, (UTC+09:30) Adelaide, (UTC+09:30) Darwin, (UTC+10:00) Brisbane, (UTC+10:00) Canberra, Melbourne, Sydney, (UTC+10:00) Guam, Port Moresby, (UTC+10:00) Hobart, (UTC+10:00) Vladivostok, (UTC+11:00) Magadan,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							Solomon Is, New Caledonia, (UTC+12:00) Auckland, Wellington, (UTC+12:00) Fiji, Kamchatka, Marshall Is, (UTC+13:00) Nuku'alofa				
VE-610	datetime	Enable Day Light Saving	/encoder/datetime/dstEnable	boolean	rw	False				Enable/Disable Day Light Saving Time.	Get: X; Set: X
VE-610	datetime	NTP Server Manager	/encoder/datetime/ntp/serverManager							Repeatable list of up to 10 configured NTP servers; each entry has select, serverName, ipHostName, description, authType, authKeyID, and authSecret fields.	Get: X
VE-610	datetime	NTP Select	/encoder/datetime/ntp/serverManager/[server]/select	boolean	rw	False				Enable/select this NTP server entry as active (class: harman.common.enable).	Get: X; Set: X
VE-610	datetime	NTP Server Name	/encoder/datetime/ntp/serverManager/[server]/serverName	string	rw			0	256	Add the server name for an NTP server.	Get: X; Set: X
VE-610	datetime	NTP IP/Host Name	/encoder/datetime/ntp/serverManager/[server]/ipHostName	string	rw			0	256	Add the IP or hostname for an NTP server.	Get: X; Set: X
VE-610	datetime	Description	/encoder/datetime/ntp/serverManager/[server]/description	string	rw			0	256	Add the description for an NTP server.	Get: X; Set: X
VE-610	datetime	Authentication Type	/encoder/datetime/ntp/serverManager/[server]/authType	enum	rw	0	NONE, MD5, SHA-1	0	2	Add the authentication type for an NTP server.	Get: X; Set: X
VE-610	datetime	Authentication Key ID	/encoder/datetime/ntp/serverManager/[server]/authKeyID	integer	rw	0				Add the authentication key ID for an NTP server.	Get: X; Set: X
VE-610	datetime	Authentication Secret	/encoder/datetime/ntp/serverManager/[server]/authSecret	string	rw					Add the authentication secret string for an NTP server.	Get: X; Set: X
VE-610	audioInput	Dante Audio Disable	/encoder/audioInput/danteAudioDisable	boolean	rw	False				Enable/disable the Dante audio input.	Get: X; Set: X
VE-610	audioInput	Audio Mute	/encoder/audioInput/audioMute	boolean	rw	False				Audio Mute status.	Get: X; Set: X
VE-610	edid	HDMI EDID	/encoder/edid/hdmi/data	byte_array	rw					Raw EDID data (byte array) read from or written to the HDMI input port.	Get: X; Set: X
VE-610	edid	Reset EDID	/encoder/edid/resetEDID	enum	rw	0	Custom, Stereo (2 Channel), MultiChannel(7.1 Channel), Stereo(2 channel 4K@60 4:2:0), MultiChannel(4K @60 4:2:0), MultiChannel(4K @60 4:4:4),HDR, MultiChannel(4K @30 4:4:4),HDR, Ultra-wide(3440x1440) , Ultra-wide(3840x1080) ,			Resets the HDMI input EDID to one of the built-in templates (see Enum Values for the available template list).	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							CVT(5120x2160 @60 4:2:0)				
VE-610	security	Force HTTPS	/encoder/security/forceHTTPS	boolean	rw	False				Sent over SSL ports with command password to force HTTPS access only.	Get: X; Set: X
VE-610	security	Webpage Disable Status	/encoder/security/webPageDisableStatus	boolean	ro	False				Read-only status indicating whether the web page has been disabled (set via the webPageDisable command).	Get: X
VE-610	security	Disable Webpage	/encoder/security/webPageDisable		rw	False				Sent over SSL ports with command password to disable web page access.	Command: X
VE-610	security	Command Secure Ports Only	/encoder/security/securePortsOnly	boolean	rw	False				When enabled, only allows external control through SSL ports 50101, 50102, 50104.	Get: X; Set: X
VE-610	serial	Baud Rate	/encoder/serial/baudRate	enum	rw	4	1200, 1800, 2400, 4800, 9600, 19200, 38400, 57600, 115200			Serial port's communication speed in bits per second.	Get: X; Set: X
VE-610	serial	Data Bits	/encoder/serial/dataBits	integer	rw	8		7	8	Number of data bits per character specified for the serial port.	Get: X; Set: X
VE-610	serial	Stop Bits	/encoder/serial/stopBits	integer	rw	1		1	2	Serial port's stop bit setting.	Get: X; Set: X
VE-610	serial	Parity	/encoder/serial/parity	enum	rw	0	NONE, EVEN, ODD			Serial port parity setting.	Get: X; Set: X
VE-610	serial	Serial Main Enable	/encoder/serial/serialPassthru/serialMainEnable	boolean	rw	False				Enable/disable serial pass-through to the main serial address.	Get: X; Set: X
VE-610	serial	Serial Secondary Address	/encoder/serial/serialPassthru/serialSecondaryAddress	string	rw					IP address of the secondary unit for serial pass-through (class: harman.common.ipv4).	Get: X; Set: X
VE-610	serial	Commands	/encoder/serial/serCommands							Serial setting order is: baudrate, databits, parity, stop bits. Parity: 0=none, 1=odd, 2=even.	Get: X
VE-610	serial	Serial Code Name	/encoder/serial/serCommands/[item]/serialCodeName	string	rw			0	256	Name/label for a stored serial command (string, 0–256 characters).	Get: X; Set: X
VE-610	serial	Serial Data	/encoder/serial/serCommands/[item]/serialData	byte_array	rw					Serial data payload (byte array) associated with a stored serial command.	Get: X; Set: X
VE-610	serial	Delete Serial Command	/encoder/serial/deleteSer							Delete Serial Command.	Command: X
VE-610	serial	Send Serial Command	/encoder/serial/sendSer							Send serial command via API command to serial port.	Command: X
VE-610	serial	Send Serial Raw	/encoder/serial/sendSerRaw							Command to send data out a serial port. Encoding method: BASE64	Command: X
VE-610	serial	Response	/encoder/serial/responseSer							Event is triggered by data received on a serial port. Encoding method: BASE64	Event: X
VE-610	logging	Start Debug Log	/encoder/logging/startDebugLog							Download debug log file (start).	Command: X
VE-610	logging	End Debug Log	/encoder/logging/stopDebugLog							Download debug log file (stop).	Command: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	logging	Syslog Enable	/encoder/logging/syslogEnable	boolean	rw	False				Enable/disable sending log messages to a remote syslog server (class: harman.common.enable).	Get: X; Set: X
VE-610	logging	Syslog Server Address	/encoder/logging/syslogServerAddress	string	rw	192.0.2.10				IP address or hostname of the remote syslog server.	Get: X; Set: X
VE-610	logging	Syslog Server Port	/encoder/logging/syslogServerPort	integer	rw	514		0	65535	Network port used to reach the remote syslog server (0-65535).	Get: X; Set: X
VE-610	systemStatus	HDMI Status	/encoder/systemStatus/hdmiStatus	enum	ro	0	Disconnected, Connected	0	1	Source connection status: connected = source is available, disconnected = no source.	Get: X
VE-610	systemStatus	HDMI Resolution	/encoder/systemStatus/hdmiResolution	string	ro	None				Current incoming resolution.	Get: X
VE-610	systemStatus	HDCP Status	/encoder/systemStatus/hdcpStatus	string	ro	None				Read-only HDCP status of the current HDMI input.	Get: X
VE-610	systemStatus	HDMI Resolution Changed	/encoder/systemStatus/hdmiResolutionChanged							Event is triggered by output resolution changed.	Event: X
VE-610	systemStatus	HDMI Cable Status Changed	/encoder/systemStatus/hdmiCableStatusChanged							Event is triggered by the status changed of HDMI cable.	Event: X
VE-610	systemStatus	Audio Activity	/encoder/systemStatus/audioActivity	string	ro	None				Read-only indicator of current audio activity on the input.	Get: X
VE-610	systemStatus	Audio Sample Rate	/encoder/systemStatus/audioSampleRate	string	ro	None				Read-only audio sample rate currently detected on the input.	Get: X
VE-610	systemStatus	Port 50001 Source IP	/encoder/systemStatus/50001SourceIP	string	ro	None				Read-only source IP address currently using network port 50001.	Get: X
VE-610	systemStatus	Flush Port 50001	/encoder/systemStatus/flush50001		rw					Clears/resets the connection currently using network port 50001.	Command: X
VE-610	systemStatus	Port 50002 Source IP	/encoder/systemStatus/50002SourceIP	string	ro	None				Read-only source IP address currently using network port 50002.	Get: X
VE-610	systemStatus	Flush Port 50002	/encoder/systemStatus/flush50002		rw					Clears/resets the connection currently using network port 50002.	Command: X
VE-610	systemStatus	Serial Source IP	/encoder/systemStatus/serialSourceIP	string	ro	None				Read-only source IP address currently connected to the serial port.	Get: X
VE-610	systemStatus	Flush Serial Source	/encoder/systemStatus/flushSerialSource		rw					Clears/resets the connection currently using the serial port.	Command: X
VE-610	systemStatus	Port 0 Status	/encoder/systemStatus/p0Status	string	ro	None				Read-only status of network port P0.	Get: X
VE-610	lldp	Switch MAC	/encoder/lldp/switchMAC	string	ro	None				Read-only MAC address of the switch connected to this device, from LLDP.	Get: X
VE-610	lldp	Switch Name	/encoder/lldp/switchName	string	ro	None				Read-only name of the switch connected to this device, from LLDP.	Get: X
VE-610	lldp	Switch Description	/encoder/lldp/switchDescription	string	ro	None				Read-only description of the switch connected to this device, from LLDP.	Get: X
VE-610	lldp	Port Number	/encoder/lldp/portNumber	string	ro	None				Read-only switch port number this device is connected to, from LLDP.	Get: X
VE-610	lldp	Port Description	/encoder/lldp/description	string	ro	None				Read-only description of the switch port this device is connected to, from LLDP.	Get: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VE-610	lldp	VLAN ID	/encoder/ldp/vlanID	integer	ro	1				Read-only VLAN ID reported for this connection, from LLDP.	Get: X
VE-610	hctrlConfig	Enable HControl	/encoder/hctrlConfig/enablehcontrol	boolean	ro	True				Read-only indicator of whether the HControl protocol interface is enabled on this device.	Get: X
VE-610	hctrlConfig	HControl Traffic Logs	/encoder/hctrlConfig/enablehcontroltraffic	boolean	ro	False				Read-only indicator of whether HControl traffic logging is enabled (class: harman.common.enable).	Get: X
VE-610	hctrlConfig	Discovery Broadcast	/encoder/hctrlConfig/hcontroldiscobroadcast	boolean	rw	False				Enable/disable HControl device discovery via network broadcast.	Get: X; Set: X
VE-610	hctrlConfig	Discovery Multicast	/encoder/hctrlConfig/hcontroldiscomulticast	boolean	rw	False				Enable/disable HControl device discovery via network multicast.	Get: X; Set: X
VE-610	hctrlConfig	Discovery Multicast Address	/encoder/hctrlConfig/hcontroldiscomulticastadr	string	rw	239.254.12.16				Multicast address used for HControl device discovery when multicast discovery is enabled.	Get: X; Set: X

VD-610 Decoder

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	configuration	Model	/configuration/device/model	string	ro	VD-610				Device model identifier.	Get: X
VD-610	configuration	Serial Number	/configuration/device/serialnumber	string	ro	VD610XXXXXXXXXX				Device serial number.	Get: X
VD-610	configuration	Firmware Version	/configuration/device/version	string	ro					Installed firmware version.	Get: X
VD-610	configuration	Name	/configuration/device/name	string	rw	VD610-000001				H-Control device name.	Get: X; Set: X
VD-610	configuration	Enable	/configuration/network/interface/enable	boolean	ro					Enable status of the primary network interface.	Get: X
VD-610	configuration	Host Name	/configuration/network/interface/hostname	string	rw	VD610-000001				Host name of the primary network interface.	Get: X; Set: X
VD-610	configuration	Domain Name	/configuration/network/interface/domainname	string	rw					Domain name of the primary network interface.	Get: X; Set: X
VD-610	configuration	Domain Assign	/configuration/network/interface/domainassign	boolean	rw					Enable or disable domain assignment.	Get: X; Set: X
VD-610	configuration	Manual DNS	/configuration/network/interface/dnsassign	boolean	rw					Enable or disable manual DNS assignment.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	configuration	DNS Server Address	/configuration/network/interface/dnsserver	array						DNS server address list.	Get: X
VD-610	configuration	IP Address	/configuration/network/interface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				DNS server IPv4 address.	Get: X; Set: X
VD-610	configuration	Enable	/configuration/network/interface/ipv4/enable	boolean	ro					Enable status of IPv4 on the primary interface.	Get: X
VD-610	configuration	Address Negotiation	/configuration/network/interface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	IPv4 address negotiation mode.	Get: X; Set: X
VD-610	configuration	IP Address	/configuration/network/interface/ipv4/ipaddress	string	rw					Primary-interface IPv4 address.	Get: X; Set: X
VD-610	configuration	Subnet Mask	/configuration/network/interface/ipv4/subnetmask	string	rw					Primary-interface IPv4 subnet mask.	Get: X; Set: X
VD-610	configuration	Gateway	/configuration/network/interface/ipv4/gateway	string	rw					Primary-interface IPv4 gateway.	Get: X; Set: X
VD-610	configuration	Enable	/configuration/network/interface/ipv6/enable	boolean	rw					Enable or disable IPv6 on the primary interface.	Get: X; Set: X
VD-610	configuration	Address Negotiation	/configuration/network/interface/ipv6/dhcp	enum	rw	0	DHCP, Static	0	1	IPv6 address negotiation mode.	Get: X; Set: X
VD-610	configuration	IP Address	/configuration/network/interface/ipv6/ipaddress	string	rw					Primary-interface IPv6 address.	Get: X; Set: X
VD-610	configuration	Prefix Length	/configuration/network/interface/ipv6/prefix	integer	rw	64		0	128	IPv6 prefix length.	Get: X; Set: X
VD-610	configuration	Gateway	/configuration/network/interface/ipv6/gateway	string	rw					Primary-interface IPv6 gateway.	Get: X; Set: X
VD-610	configuration	Enable	/configuration/network/danteInterface/enable	boolean	rw					Enable or disable the Dante network interface.	Get: X; Set: X
VD-610	configuration	Name	/configuration/network/danteInterface/vlanNumber	integer	rw	1		1	4095	Dante-interface VLAN number.	Get: X; Set: X
VD-610	configuration	Manual DNS	/configuration/network/danteInterface/dnsassign	boolean	rw					Enable or disable manual DNS assignment for Dante.	Get: X; Set: X
VD-610	configuration	DNS Server Address	/configuration/network/danteInterface/dnsserver	array						Dante-interface DNS server address list.	Get: X
VD-610	configuration	IP Address	/configuration/network/danteInterface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				Dante-interface DNS server IPv4 address.	Get: X; Set: X
VD-610	configuration	Address Negotiation	/configuration/network/danteInterface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	Dante-interface IPv4 negotiation mode.	Get: X; Set: X
VD-610	configuration	IP Address	/configuration/network/danteInterface/ipv4/ipaddress	string	rw					Dante-interface IPv4 address.	Get: X; Set: X
VD-610	configuration	Subnet Mask	/configuration/network/danteInterface/ipv4/subnetmask	string	rw					Dante-interface IPv4 subnet mask.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	configuration	Gateway	/configuration/network/danteInterface/ipv4/gateway	string	rw					Dante-interface IPv4 gateway.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	Decoder	Auto Recovery Enable	/decoder/autoRecovery/enable	boolean	rw	TRUE				Enable or Disable the unit from performing a communications check with a pingable IP address on the network.	Get: X; Set: X
VD-610	Decoder	Heartbeat	/decoder/autoRecovery/heartbeat	integer	rw	15		1	60	Setting to specify in minutes how often to ping the IP address	Get: X; Set: X
VD-610	Decoder	Threshold	/decoder/autoRecovery/threshold	integer	rw	60		1	120	Setting to specify in minutes the period of no response before rebooting the device.	Get: X; Set: X
VD-610	Decoder	IP Address	/decoder/autoRecovery/ipAddress	string	ro	IPv4 Gateway Address				IPv4 Address used to ping for the Heartbeat to respond.	Get: X
VD-610	Decoder	Auto Update	//systemStatus/autoUpdate	boolean	ro	TRUE				Used to track the out of the box firmware update	Get: X
VD-610	streamSetup	AV-A Enable	/decoder/streamSetup/avaEnable	boolean	rw	False				Enable software Dante AV-A feature in Aspeed. For WP, only the units having Dante license have this setting.	Get: X; Set: X
VD-610	streamSetup	Synchronize Device Name	/decoder/streamSetup/syncDeviceName	boolean	rw	True				Device name synchronize to H-Control and Dante Device Name.	Get: X; Set: X
VD-610	streamSetup	Video Stream	/decoder/streamSetup/videoStreamNumber	integer	rw	610		0	32767	Multicast stream ID of Encoder.	Get: X; Set: X
VD-610	streamSetup	Video Multicast Address	/decoder/streamSetup/videoMulticastAddress	string	ro	239.255.4.195				Read-only multicast IP address the encoder uses for its video stream.	Get: X
VD-610	streamSetup	Audio Stream	/decoder/streamSetup/audioStreamNumber	integer	rw	610		0	32767	Subscribed audio stream ID.	Get: X; Set: X
VD-610	streamSetup	Audio Multicast Address	/decoder/streamSetup/audioMulticastAddress	string	ro	239.255.4.196				Read-only multicast IP address the encoder uses for its audio stream.	Get: X
VD-610	streamSetup	Audio follow Video	/decoder/streamSetup/audioFollowVideo	boolean	rw	True				When enabled, the audio stream automatically follows the selected video stream.	Get: X; Set: X
VD-610	streamSetup	Input Audio for Local Play	/decoder/streamSetup/inputAudio	boolean	rw	False	on, off			Selects the audio source used for Local Play. on = Use Stream Audio, off = Use Local Play Audio. Confirmed against the corresponding Direct Control API field, LIVEAUDIOLP -- corrects an earlier description that said "Host Play" here, which didn't match this parameter's own name.	Get: X; Set: X
VD-610	streamSetup	Play Mode	/decoder/streamSetup/playMode	enum	rw	0	LIVE, Local Play			Device play mode: LIVE or Local Play. The Direct Control API documents PLAYMODE with additional states (live-local, off) not present in this enum, and this model has no playlist selection -- HControl exposes only these two values for playMode here.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	streamSetup	Preview Image	/decoder/streamSetup/previewImage	boolean	rw	True				Enable/disable generation of a preview image thumbnail for this stream (class: harman.nav.imagepreview).	Get: X; Set: X
VD-610	managementSetup	Low Power Mode	/decoder/managementSetup/lowPowerMode	boolean	rw	False				Low power mode status.	Get: X; Set: X
VD-610	managementSetup	Settings Lock	/decoder/managementSetup/settingsLock	boolean	rw	False				Set Management Lock/Unlock. Same behavior as WEBProc:Lock: <on off>.	Get: X; Set: X
VD-610	managementSetup	Multicast Address Override	/decoder/managementSetup/multicastAddressOverride	boolean	rw	False				Multicast Address Override enable or disable for main stream.	Get: X; Set: X
VD-610	managementSetup	Multicast Address	/decoder/managementSetup/multicastAddress	string	rw	239.253.0.0				User defined Multicast Address for overriding main stream. Only the first two octets are used for overriding; the last two octets are generated by stream ID.	Get: X; Set: X
VD-610	managementSetup	Enable SNMP	/decoder/managementSetup/enableSNMP	boolean	rw	False				Enable/Disable SNMP.	Get: X; Set: X
VD-610	managementSetup	OSD Menu	/decoder/managementSetup/osdMenuEnable	boolean	rw	False				Enable/disable the OSD (on-screen display) menu. Same behavior as WEBProc:osdMenu.	Get: X; Set: X
VD-610	generalSetup	IGMP V3 Support	/decoder/generalSetup/igmpv3Support	boolean	rw	False				Enable/Disable IGMP V3 support.	Get: X; Set: X
VD-610	generalSetup	IGMP Join on Stream Loss	/decoder/generalSetup/igmpJoinOnStreamLoss	boolean	rw	True				Enables/disables the unit to periodically send IGMP join requests when the receive stream is lost.	Get: X; Set: X
VD-610	generalSetup	IGMP Join Interval	/decoder/generalSetup/igmpJoinInterval	enum	rw	2	1, 2, 3, 4			How often IGMP join requests are sent when the receive stream is lost (enum options 1–4; see Enum Values — units not specified in the descriptor).	Get: X; Set: X
VD-610	generalSetup	Enable Send Status	/decoder/generalSetup/sendStatusEnable	boolean	rw	True				Enable Send Status function.	Get: X; Set: X
VD-610	generalSetup	Send Status Address	/decoder/generalSetup/statusIP	string	rw					Sets the destination IP of the Send Status function.	Get: X; Set: X
VD-610	generalSetup	Status Intervals (sec)	/decoder/generalSetup/statusInterval	enum	rw	10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500			Interval, in seconds, between Send Status transmissions when enabled (10–500 in steps of 10).	Get: X; Set: X
VD-610	generalSetup	Gratuitous ARP	/decoder/generalSetup/gratARPEnable	boolean	rw	True				Enable/disable transmission of gratuitous ARP packets.	Get: X; Set: X
VD-610	generalSetup	ARP Interval (sec)	/decoder/generalSetup/gratARPInterval	enum	rw	10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200,			Interval, in seconds, between gratuitous ARP transmissions (10–500 in steps of 10).	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500				
VD-610	generalSetup	Discovery Packet Transmit	/decoder/generalSetup/enableDiscoveryPackets	boolean	rw	True				Enable/disable transmission of network discovery packets.	Get: X; Set: X
VD-610	generalSetup	Discovery Intervals (sec)	/decoder/generalSetup/discoveryIntervalSec	enum	rw	10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60			Interval, in seconds, between discovery packet transmissions (1–60).	Get: X; Set: X
VD-610	generalSetup	DSCP	/decoder/generalSetup/dscp	enum	rw	5	0, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 46, 48, 56			Set DSCP.	Get: X; Set: X
VD-610	datetime	Date Time	/decoder/datetime/datetime	string	rw	25569				Current device date/time, in ISO 8601 format (class: harman.common.datetime).	Get: X; Set: X
VD-610	datetime	Time Zone	/decoder/datetime/timezone	enum	rw	9	(UTC-12:00) International Date Line West, (UTC-11:00) Midway Island, Samoa, (UTC-10:00) Hawaii, (UTC-09:00) Alaska, (UTC-08:00) Pacific Time (US & Canada & Tijuana), (UTC-07:00) Arizona, (UTC-07:00) Chihuahua, La Paz, Mazatlan, (UTC-07:00) Mountain Time (US & Canada), (UTC-06:00) Central America, (UTC-06:00) Central Time (US & Canada), (UTC-06:00) Guadalajara, Mexico City, Monterrey, (UTC-06:00)	0	74	Time zone setting.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							Saskatchewan, (UTC-05:00) Bogota, Lima, Quito, (UTC-05:00) Eastern Time (US & Canada), (UTC-05:00) Indiana (East), (UTC-04:00) Atlantic Time (Canada), (UTC-04:00) Caracas, La Paz, (UTC-04:00) Santiago, (UTC-03:30) Newfoundland, (UTC-03:00) Brasilia, (UTC-03:00) Buenos Aires, Georgetown, (UTC-03:00) Greenland, (UTC-02:00) Mid-Atlantic, (UTC-01:00) Azores, (UTC-01:00) Cape Verde Is, (UTC) Casablanca, Monrovia, (UTC) Greenwich Mean Time (Dublin & Edinburgh & Lisbon & London), (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna, (UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague, (UTC+01:00) Brussels, Copenhagen, Madrid, Paris, (UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb, (UTC+01:00) West Central Africa, (UTC+02:00) Athens, Beirut, Istanbul, Minsk, (UTC+02:00) Bucharest, (UTC+02:00) Cairo, (UTC+02:00) Harare, Pretoria, (UTC+02:00) Helsinki, Kyiv,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							Riga, Sofia, Tallinn, Vilnius, (UTC+02:00) Jerusalem, (UTC+03:00) Baghdad, (UTC+03:00) Kuwait, Riyadh, (UTC+03:00) Moscow, St. Petersburg, Volgograd, (UTC+03:00) Nairobi, (UTC+03:30) Tehran, (UTC+04:00) Abu Dhabi, Muscat, (UTC+04:00) Baku, Tbilisi, Yerevan, (UTC+04:30) Kabul, (UTC+05:00) Ekaterinburg, (UTC+05:00) Islamabad, Karachi, Tashkent, (UTC+05:30) Chennia, Kolkata, Mumbai, New Delhi, (UTC+05:45) Kathmandu, (UTC+06:00) Almaty, Novosibirsk, (UTC+06:00) Astana, Dhaka, (UTC+06:00) Sri Jayawardenepur a, (UTC+06:30) Rangoon, (UTC+07:00) Bangkok, Hanoi, Jakarta, (UTC+07:00) Krasnoyarsk, (UTC+08:00) Beijing, Chongqing, Hong Kong, Urumgi, (UTC+08:00) Taipei, (UTC+08:00) Irkutsk, Ulan Battar, (UTC+08:00) Kuala Lumpur, Singapore, (UTC+08:00) Perth, (UTC+09:00) Osaka, Sapporo, Tokyo, (UTC+09:00) Seoul, (UTC+09:00)				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							Yakutsk, (UTC+09:30) Adelaide, (UTC+09:30) Darwin, (UTC+10:00) Brisbane, (UTC+10:00) Canberra, Melbourne, Sydney, (UTC+10:00) Guam, Port Moresby, (UTC+10:00) Hobart, (UTC+10:00) Vladivostok, (UTC+11:00) Magadan, Solomon Is, New Caledonia, (UTC+12:00) Auckland, Wellington, (UTC+12:00) Fiji, Kamchatka, Marshall Is, (UTC+13:00) Nuku'alofa				
VD-610	datetime	Enable Day Light Savings	/decoder/datetime/dstEnable	boolean	rw	False				Enable/Disable Day Light Saving Time.	Get: X; Set: X
VD-610	datetime	NTP Server Manager	/decoder/datetime/ntp/serverManager							Repeatable list of up to 10 configured NTP servers; each entry has select, serverName, ipHostName, description, authType, authKeyID, and authSecret fields.	Get: X
VD-610	datetime	NTP Select	/decoder/datetime/ntp/serverManager[server]/select	boolean	rw	False				Enable/select this NTP server entry as active (class: harman.common.enable).	Get: X; Set: X
VD-610	datetime	NTP Server Name	/decoder/datetime/ntp/serverManager[server]/serverName	string	rw			0	256	Add the server name for an NTP server.	Get: X; Set: X
VD-610	datetime	NTP IP/Host Name	/decoder/datetime/ntp/serverManager[server]/ipHostName	string	rw			0	256	Add the IP or hostname for an NTP server.	Get: X; Set: X
VD-610	datetime	Description	/decoder/datetime/ntp/serverManager[server]/description	string	rw			0	256	Add the description for an NTP server.	Get: X; Set: X
VD-610	datetime	Authentication Type	/decoder/datetime/ntp/serverManager[server]/authType	enum	rw	0	NONE, MD5, SHA-1	0	2	Add the authentication type for an NTP server.	Get: X; Set: X
VD-610	datetime	Authentication Key ID	/decoder/datetime/ntp/serverManager[server]/authKeyID	integer	rw	0				Add the authentication key ID for an NTP server.	Get: X; Set: X
VD-610	datetime	Authentication Secret	/decoder/datetime/ntp/serverManager[server]/authSecret	string	rw					Add the authentication secret string for an NTP server.	Get: X; Set: X
VD-610	hdmiOut	HDMI Out Enable	/decoder/hdmiOut/enable	boolean	rw	True				HDMI output port enable/disable.	Get: X; Set: X
VD-610	hdmiOut	Scaler Enable	/decoder/hdmiOut/scalerEnable	boolean	rw	True				Scaler status: enables/disables the output scaler.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	hdmiOut	Output Resolution	/decoder/hdmiOut/outResolution	enum	rw	0	AUTO, 2160p60, 2160p50, 2160p30, 2160p25, 1080p60, 1080p50, 1080p24, 720p60, 720p50, 2560x1600p60, 2560x1440p60, 1920x1200p60, 1400x1050p60, 1440x900p60, 1366x768p60			Scaler output resolution.	Get: X; Set: X
VD-610	hdmiOut	YUV Output	/decoder/hdmiOut/yuvOutput	enum	rw	0	AUTO, ON, OFF			Decoder YUV color space output setting.	Get: X; Set: X
VD-610	hdmiOut	Video Mute	/decoder/hdmiOut/videoMute	boolean	rw	False	true, false			Video Mute status: true = video mute enabled, false = video mute disabled.	Get: X; Set: X
VD-610	hdmiOut	Last Frame Hold	/decoder/hdmiOut/lastFrameHold	boolean	rw	True				Hold last frame if stream lost — last frame is displayed if the stream is lost.	Get: X; Set: X
VD-610	hdmiOut	HDMI Off on Stream loss	/decoder/hdmiOut/hdmiOff	boolean	rw	False				HDMI Off on Stream Loss — disables HDMI port on loss of stream.	Get: X; Set: X
VD-610	hdmiOut	HDMI Off Delay (0-1800 sec)	/decoder/hdmiOut/hdmiOffDelay	integer	rw	10		0	1800	HDMI will turn off this many seconds after the stream is lost (0-1800 sec).	Get: X; Set: X
VD-610	hdmiOut	Local Play Holdoff (1-100 sec)	/decoder/hdmiOut/localPlayDelay	integer	rw	10		1	100	The last frame holds this many seconds after stream is lost, then Local Play is displayed (1-100 sec).	Get: X; Set: X
VD-610	hdmiOut	CEC Manual Power On / Off	/decoder/hdmiOut/cecPower							CEC Manual Power On/Off.	Command: X
VD-610	audioOutput	Dante Audio Disable	/decoder/audioOutput/danteAudioDisable	boolean	rw	False				Enable/disable the Dante Audio function.	Get: X; Set: X
VD-610	audioOutput	Audio Stream	/decoder/audioOutput/audioStream	enum	rw	0	BSS Stream, Dante Audio			Decoder audio stream source: BSS Stream or Dante Audio.	Get: X; Set: X
VD-610	audioOutput	Audio Mute	/decoder/audioOutput/audioMute	boolean	rw	False				Audio Mute status.	Get: X; Set: X
VD-610	videoWall	Enable Wall	/decoder/videoWall/wallEnable	boolean	rw	False gmpJoinInterval				Enable Video Wall. Sent at the same time as other wall commands.	Get: X; Set: X
VD-610	videoWall	Wall Stretch	/decoder/videoWall/wallStretch	enum	rw	0	Auto, Stretch, Fit			Wall Stretch mode: Auto Stretch Fit. Sent at the same time as other wall commands.	Get: X; Set: X
VD-610	videoWall	Bezel Adjust Horz.	/decoder/videoWall/wallHShift	integer	rw	0		0	64	Bezel adjust, horizontal. Sent at the same time as other wall commands.	Get: X; Set: X
VD-610	videoWall	Bezel Adjust Vert.	/decoder/videoWall/wallVShift	integer	rw	0		0	64	Bezel adjust, vertical. Sent at the same time as other wall commands.	Get: X; Set: X
VD-610	videoWall	Set Wall Dimension and Position	/decoder/videoWall/videoWallHorVer							Command to set video wall dimension rows and columns, and set display position row and column with 4 arguments.	Command: X
VD-610	edid	Display EDID	/decoder/edid/display/data	byte_array	ro					Raw EDID data (byte array) for the connected display.	Get: X
VD-610	security	Force HTTPS	/decoder/security/forceHTTPS	boolean	rw	False				Sent over SSL ports with command password to force HTTPS access only.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	security	Webpage Disable Status	/decoder/security/webPageDisableStatus	boolean	ro	False				Read-only status indicating whether the web page has been disabled (set via the webPageDisable command).	Get: X
VD-610	security	Disable Webpage	/decoder/security/webPageDisable		rw					Sent over SSL ports with command password to disable web page access.	Command: X
VD-610	security	Command Secure Ports Only	/decoder/security/securePortsOnly	boolean	rw	False				When enabled, only allows external control through SSL ports 50101, 50102, 50104.	Get: X; Set: X
VD-610	serial	Baud Rate	/decoder/serial/baudRate	enum	rw	4	1200, 1800, 2400, 4800, 9600, 19200, 38400, 57600, 115200			Parameter containing the current baud rate communication value	Get: X; Set: X
VD-610	serial	Data Bits	/decoder/serial/dataBits	integer	rw	8		7	8	Parameter containing the current data bits communication value	Get: X; Set: X
VD-610	serial	Stop Bits	/decoder/serial/stopBits	integer	rw	1		1	2	Parameter containing the current stop bits communication value	Get: X; Set: X
VD-610	serial	Parity	/decoder/serial/parity	enum	rw	0	NONE, EVEN, ODD			Parameter containing the current parity communication value	Get: X; Set: X
VD-610	serial	Serial Main Enable	/decoder/serial/serialPassthru/serialMainEnable	boolean	rw	False				Enable/disable serial pass-through to the main serial address.	Get: X; Set: X
VD-610	serial	Serial Secondary Address	/decoder/serial/serialPassthru/serialSecondaryAddress	string	rw					IP address of the secondary unit for serial pass-through (class: harman.common.ipv4).	Get: X; Set: X
VD-610	serial	Commands	/decoder/serial/serCommands							Serial setting order is: baudrate, databits, parity, stop bits. Parity: 0=none, 1=odd, 2=even.	Get: X
VD-610	serial	Serial Code Name	/decoder/serial/serCommands/[item] /serialCodeName	string	rw			0	256	Name/label for a stored serial command (string, 0–256 characters).	Get: X; Set: X
VD-610	serial	Serial HEX Data	/decoder/serial/serCommands/[item] /serialData	byte_array	rw					Serial data payload (byte array) associated with a stored serial command.	Get: X; Set: X
VD-610	serial	Delete Serial Command	/decoder/serial/deleteSer							Delete Serial Command	Command: X
VD-610	serial	Send serial command	/decoder/serial/sendSer							Excute or Send Serial Command	Command: X
VD-610	serial	Send Serial Raw	/decoder/serial/sendSerRaw							Command to send data out a serial port. Encoding method: BASE64	Command: X
VD-610	serial	Response	/decoder/serial/responseSer							Event is triggered by data received on a serial port. Encoding method: BASE64	Event: X
VD-610	logging	Start Debug Log	/decoder/logging/startDebugLog							Download debug log file (start).	Command: X
VD-610	logging	End Debug Log	/decoder/logging/stopDebugLog							Download debug log file (stop).	Command: X
VD-610	logging	Syslog Enable	/decoder/logging/syslogEnable	boolean	rw	False				Enable/disable sending log messages to a remote syslog server (class: harman.common.enable).	Get: X; Set: X
VD-610	logging	Syslog Server Address	/decoder/logging/syslogServerAddresses	string	rw	192.0.2.10				IP address or hostname of the remote syslog server.	Get: X; Set: X
VD-610	logging	Syslog Server Port	/decoder/logging/syslogServerPort	integer	rw	514		0	65535	Network port used to reach the remote syslog server (0–65535).	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	systemStatus	HDMI Out Status	/decoder/systemStatus/hdmiOutStatus	enum	ro	0	Disconnected, Connected	0	1	Read-only HDMI output connection status.	Get: X
VD-610	systemStatus	HDMI Out Resolution	/decoder/systemStatus/hdmiOutResolution	string	ro	None				Read-only current HDMI output resolution.	Get: X
VD-610	systemStatus	HDCP Out Status	/decoder/systemStatus/hdcpStatus	string	ro	None				HDCP status of HDMI output	Get: X
VD-610	systemStatus	HDMI Out Resolution Changed	/decoder/systemStatus/hdmiOutResolutionChanged							Event is triggered by output resolution changed.	Event: X
VD-610	systemStatus	HDMI Out Cable Status Changed	/decoder/systemStatus/hdmiOutCableStatusChanged							Event is triggered by the status changed of HDMI cable.	Event: X
VD-610	systemStatus	Audio Activity	/decoder/systemStatus/audioActivity	string	ro	None				Read-only indicator of current audio activity on the input.	Get: X
VD-610	systemStatus	Audio Sample Rate	/decoder/systemStatus/audioSampleRate	string	ro	None				Read-only audio sample rate currently detected on the input.	Get: X
VD-610	systemStatus	Port 50001 Source IP	/decoder/systemStatus/50001SourceIP	string	ro	None				Read-only source IP address currently using network port 50001.	Get: X
VD-610	systemStatus	Flush Port 50001	/decoder/systemStatus/flush50001		rw					Clears/resets the connection currently using network port 50001.	Command: X
VD-610	systemStatus	Port 50002 Source IP	/decoder/systemStatus/50002SourceIP	string	ro	None				Read-only source IP address currently using network port 50002.	Get: X
VD-610	systemStatus	Flush Port 50002	/decoder/systemStatus/flush50002		rw					Clears/resets the connection currently using network port 50002.	Command: X
VD-610	systemStatus	Serial Source IP	/decoder/systemStatus/serialSourceIP	string	ro	None				Read-only source IP address currently connected to the serial port.	Get: X
VD-610	systemStatus	Flush Serial Source	/decoder/systemStatus/flushSerialSource		rw					Clears/resets the connection currently using the serial port.	Command: X
VD-610	systemStatus	Port 0 Status	/decoder/systemStatus/p0Status	string	ro	None				Read-only status of network port P0.	Get: X
VD-610	lldp	Switch MAC	/decoder/lldp/switchMAC	string	ro	None				Read-only MAC address of the switch connected to this device, from LLDP.	Get: X
VD-610	lldp	Switch Name	/decoder/lldp/switchName	string	ro	None				Read-only name of the switch connected to this device, from LLDP.	Get: X
VD-610	lldp	Switch Description	/decoder/lldp/switchDescription	string	ro	None				Read-only description of the switch connected to this device, from LLDP.	Get: X
VD-610	lldp	Port Number	/decoder/lldp/portNumber	string	ro	None				Read-only switch port number this device is connected to, from LLDP.	Get: X
VD-610	lldp	Port Description	/decoder/lldp/description	string	ro	None				Read-only description of the switch port this device is connected to, from LLDP.	Get: X
VD-610	lldp	VLAN ID	/decoder/lldp/vlanID	integer	ro	1				Read-only VLAN ID reported for this connection, from LLDP.	Get: X
VD-610	hctrlConfig	Enable HControl	/decoder/hctrlConfig/enablehcontrol	boolean	ro	True				Read-only indicator of whether the HControl protocol interface is enabled on this device.	Get: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
VD-610	hctrlConfig	HControl Traffic Logs	/decoder/hctrlConfig/enablehcontraffic	boolean	ro	False				Read-only indicator of whether HControl traffic logging is enabled (class: harman.common.enable).	Get: X
VD-610	hctrlConfig	Discovery Broadcast	/decoder/hctrlConfig/hcontroldiscoverbroadcast	boolean	rw	False				Enable/disable HControl device discovery via network broadcast.	Get: X; Set: X
VD-610	hctrlConfig	Discovery Multicast	/decoder/hctrlConfig/hcontroldiscovermulticast	boolean	rw	False				Enable/disable HControl device discovery via network multicast.	Get: X; Set: X
VD-610	hctrlConfig	Discovery Multicast Address	/decoder/hctrlConfig/hcontroldiscovermulticastaddr	string	rw	239.254.12.16				Multicast address used for HControl device discovery when multicast discovery is enabled.	Get: X; Set: X



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Last Revised: 2026-10-20