



Purpose. This document is the consolidated HControl parameter reference for the Ux200 Series. It combines the supplied model catalogs and preserves the model-specific address paths, access modes, defaults, limits, descriptions, and protocol operation flags.

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

UE-210 Encoder

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UE-210	configuration	Model	/configuration/device/model	string	ro	UE-210				Device model identifier.	Get: X
UE-210	configuration	Serial Number	/configuration/device/serialnumber	string	ro	UE210XXXXXXXXXX				Device serial number.	Get: X
UE-210	configuration	Firmware Version	/configuration/device/version	string	ro					Installed firmware version.	Get: X
UE-210	configuration	Name	/configuration/device/name	string	rw	UE210-000001				H-Control device name.	Get: X; Set: X
UE-210	configuration	Enable	/configuration/network/interface/enable	boolean	ro					Enable status of the primary network interface.	Get: X
UE-210	configuration	Host Name	/configuration/network/interface/hostname	string	rw	UE210-000001				Host name of the primary network interface.	Get: X; Set: X
UE-210	configuration	Domain Name	/configuration/network/interface/domainname	string	rw					Domain name of the primary network interface.	Get: X; Set: X
UE-210	configuration	Domain Assign	/configuration/network/interface/domainassign	boolean	rw					Enable or disable domain assignment.	Get: X; Set: X
UE-210	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
UE-210	configuration	DNS Server Address	/configuration/network/interface/dnsserver	array						DNS server address list.	Get: X
UE-210	configuration	IP Address	/configuration/network/interface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				DNS server IPv4 address.	Get: X; Set: X
UE-210	configuration	Enable	/configuration/network/interface/ipv4/enable	boolean	ro					Enable status of IPv4 on the primary interface.	Get: X
UE-210	configuration	Address Negotiation	/configuration/network/interface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	IPv4 address negotiation mode.	Get: X; Set: X
UE-210	configuration	IP Address	/configuration/network/interface/ipv4/ipaddress	string	rw					Primary-interface IPv4 address.	Get: X; Set: X
UE-210	configuration	Subnet Mask	/configuration/network/interface/ipv4/subnetmask	string	rw					Primary-interface IPv4 subnet mask.	Get: X; Set: X
UE-210	configuration	Gateway	/configuration/network/interface/ipv4/gateway	string	rw					Primary-interface IPv4 gateway.	Get: X; Set: X
UE-210	configuration	Enable	/configuration/network/interface/ipv6/enable	boolean	rw					Enable or disable IPv6 on the primary interface.	Get: X; Set: X
UE-210	configuration	Address Negotiation	/configuration/network/interface/ipv6/dhcp	enum	rw	0	DHCP, Static	0	1	IPv6 address negotiation mode.	Get: X; Set: X
UE-210	configuration	IP Address	/configuration/network/interface/ipv6/ipaddress	string	rw					Primary-interface IPv6 address.	Get: X; Set: X
UE-210	configuration	Prefix Length	/configuration/network/interface/ipv6/prefix	integer	rw	64		0	128	IPv6 prefix length.	Get: X; Set: X
UE-210	configuration	Gateway	/configuration/network/interface/ipv6/gateway	string	rw					Primary-interface IPv6 gateway.	Get: X; Set: X
UE-210	configuration	Enable	/configuration/network/danteInterface/enable	boolean	rw					Enable or disable the Dante network interface.	Get: X; Set: X
UE-210	configuration	Name	/configuration/network/danteInterface/vlanNumber	integer	rw	1		1	4095	Dante-interface VLAN number.	Get: X; Set: X
UE-210	configuration	Manual DNS	/configuration/network/danteInterface/dnsassign	boolean	rw					Enable or disable manual DNS assignment for Dante.	Get: X; Set: X
UE-210	configuration	DNS Server Address	/configuration/network/danteInterface/dnsserver	array						Dante-interface DNS server address list.	Get: X
UE-210	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
UE-210	configuration	Address Negotiation	/configuration/network/danteInterface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	Dante-interface IPv4 negotiation mode.	Get: X; Set: X
UE-210	configuration	IP Address	/configuration/network/danteInterface/ipv4/ipaddress	string	rw					Dante-interface IPv4 address.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UE-210	configuration	Subnet Mask	/configuration/network/danteInterface/ipv4/subnetmask	string	rw					Dante-interface IPv4 subnet mask.	Get: X; Set: X
UE-210	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
UE-210	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
UE-210	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
UE-210	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
UE-210	Encoder	IP Address	/encoder/autoRecovery/ipAddress	string	ro	IPv4 Gateway Address				IPv4 Address used to ping for the Heartbeat to respond.	Get: X
UE-210	Encoder	Auto Update	/encoder/systemStatus/autoUpdate	boolean	ro	TRUE				Used to track the out of the box firmware update	Get: X
UE-210	streamSetup	Device Name	/usbHost/streamSetup/unitName	string	ro	02:00:00:00:00:01				Device name, default value is the model plus the last 6 characters of the MAC address (e.g. "UE210-123456"). Corresponds to the Direct Control API NAME field.	Get: X
UE-210	streamSetup	Synchronize Device Name	/usbHost/streamSetup/syncDeviceName	boolean	rw	True				Device name synchronize to H-Control and Dante Device Name.	Get: X; Set: X
UE-210	streamSetup	USB Stream	/usbHost/streamSetup/usbStreamNumber	integer	rw	210		0	32767	Multicast stream ID used for the USB-over-IP stream.	Get: X; Set: X
UE-210	streamSetup	USB Multicast Address	/usbHost/streamSetup/usbMulticastAddress	string	ro	239.255.1.163				Read-only multicast IP address used for the USB-over-IP stream.	Get: X
UE-210	streamSetup	USB Source Selection	/usbHost/streamSetup/usbSource	enum	rw	0	AUTO, USB-C, USB-B			USB Host connecting source selection: AUTO USB-C USB-B.	Get: X; Set: X
UE-210	streamSetup	KVM Enable	/usbHost/streamSetup/kvmEnable	boolean	rw	True				KVM Enable status.	Get: X; Set: X
UE-210	streamSetup	USB 2.0 Enable	/usbHost/streamSetup/usb20Enable	boolean	rw	True				USB 2.0 Enable status.	Get: X; Set: X
UE-210	streamSetup	Disable USB Audio	/usbHost/streamSetup/disableUSBAudio	boolean	rw	False				Enable/disable USB audio on the encoder.	Get: X; Set: X
UE-210	managementSetup	Low Power Mode	/usbHost/managementSetup/lowPowerMode	boolean	rw	False				Low power mode status.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UE-210	managementSetup	Settings Lock	/usbHost/managementSetup/settingsLock	boolean	rw	False				Set Management Lock/Unlock. Same behavior as WEBProc:Lock: <on off>.	Get: X; Set: X
UE-210	managementSetup	Enable SNMP	/usbHost/managementSetup/enableSNMP	boolean	rw	False				Enable/Disable SNMP.	Get: X; Set: X
UE-210	generalSetup	IGMP V3 Support	/usbHost/generalSetup/igmpv3Support	boolean	rw	False				Enable/Disable IGMP V3 support.	Get: X; Set: X
UE-210	generalSetup	Enable Send Status	/usbHost/generalSetup/sendStatusEnable	boolean	rw	True				Enable Send Status function.	Get: X; Set: X
UE-210	generalSetup	Send Status Address	/usbHost/generalSetup/statusIP	string	rw					Sets the destination IP of the Send Status function.	Get: X; Set: X
UE-210	generalSetup	Status Intervals (sec)	/usbHost/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
UE-210	generalSetup	Gratuitous ARP	/usbHost/generalSetup/gratARPEnable	boolean	rw	True				Enable/disable transmission of gratuitous ARP packets.	Get: X; Set: X
UE-210	generalSetup	ARP Interval(sec)	/usbHost/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,			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
							440, 450, 460, 470, 480, 490, 500				
UE-210	generalSetup	Discovery Packet Transmit	/usbHost/generalSetup/enableDiscoveryPackets	boolean	rw	True				Enable/disable transmission of network discovery packets.	Get: X; Set: X
UE-210	generalSetup	Discovery Intervals (sec)	/usbHost/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
UE-210	generalSetup	DSCP	/usbHost/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
UE-210	datetime	Date Time	/usbHost/datetime/datetime	string	rw	25569				Current device date/time, in ISO 8601 format (class: harman.common.datetime).	Get: X; Set: X
UE-210	datetime	Time Zone	/usbHost/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	0	74	Time zone setting.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							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, Qutio, (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) Brasília, (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,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							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, (UTC+04:30) Kabul, (UTC+05:00) Ekaterinburg , (UTC+05:00) Islamabad,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							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 Jayawardene pura, (UTC+06:30) Rangoon, (UTC+07:00) Bangkok, Hanoi, Jakarta, (UTC+07:00) Krasnoyarsk, (UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi, (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,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							(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				
UE-210	datetime	Enable Day Light Savings	/usbHost/datetime/dstEnable	boolean	rw	False				Enable/Disable Day Light Saving Time.	Get: X; Set: X
UE-210	datetime	NTP Server Manager	/usbHost/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
UE-210	datetime	NTP Select	/usbHost/datetime/ntp/serverManager/[server]/select	boolean	rw	False				Enable/select this NTP server entry as active (class: harman.common.enable).	Get: X; Set: X
UE-210	datetime	NTP Server Name	/usbHost/datetime/ntp/serverManager/[server]/serverName	string	rw			0	256	Add the server name for an NTP server.	Get: X; Set: X
UE-210	datetime	NTP IP/Host Name	/usbHost/datetime/ntp/serverManager/[server]/ipHostName	string	rw			0	256	Add the IP or hostname for an NTP server.	Get: X; Set: X
UE-210	datetime	Description	/usbHost/datetime/ntp/serverManager/[server]/description	string	rw			0	256	Add the description for an NTP server.	Get: X; Set: X
UE-210	datetime	Authentication Type	/usbHost/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
UE-210	datetime	Authentication Key ID	/usbHost/datetime/ntp/serverManager/[server]/authKeyID	integer	rw	0				Add the authentication key ID for an NTP server.	Get: X; Set: X
UE-210	datetime	Authentication Secret	/usbHost/datetime/ntp/serverManager/[server]/authSecret	string	rw					Add the authentication secret string for an NTP server.	Get: X; Set: X
UE-210	security	Force HTTPS	/usbHost/security/forceHTTPS	boolean	rw	False				Sent over SSL ports with command password to force HTTPS access only.	Get: X; Set: X
UE-210	security	Webpage Disable Status	/usbHost/security/webPageDisableStatus	boolean	ro	False				Read-only status indicating whether the web page has been disabled (set via the webPageDisable command).	Get: X
UE-210	security	Disable Webpage	/usbHost/security/webPageDisable		rw					Sent over SSL ports with command password to disable web page access.	Command: X
UE-210	security	Command Secure Ports Only	/usbHost/security/securePortsOnly	boolean	rw	False				When enabled, only allows external control through SSL ports 50101, 50102, 50104.	Get: X; Set: X
UE-210	logging	Start Debug Log	/usbHost/logging/startDebugLog							Download debug log file (start).	Command: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UE-210	logging	End Debug Log	/usbHost/logging/stopDebugLog							Download debug log file (stop).	Command: X
UE-210	logging	Syslog Enable	/usbHost/logging/syslogEnable	boolean	rw	False				Enable/disable sending log messages to a remote syslog server (class: harman.common.enable).	Get: X; Set: X
UE-210	logging	Syslog Server Address	/usbHost/logging/syslogServerAddresses	string	rw	192.0.2.10				IP address or hostname of the remote syslog server.	Get: X; Set: X
UE-210	logging	Syslog Server Port	/usbHost/logging/syslogServerPort	integer	rw	514		0	65535	Network port used to reach the remote syslog server (0-65535).	Get: X; Set: X
UE-210	systemStatus	Port 50001 Source IP	/usbHost/systemStatus/50001SourceIP	string	ro	None				Read-only source IP address currently using network port 50001.	Get: X
UE-210	systemStatus	Flush Port 50001	/usbHost/systemStatus/flush50001		rw					Clears/resets the connection currently using network port 50001.	Command: X
UE-210	systemStatus	Port 50002 Source IP	/usbHost/systemStatus/50002SourceIP	string	ro	None				Read-only source IP address currently using network port 50002.	Get: X
UE-210	systemStatus	Flush Port 50002	/usbHost/systemStatus/flush50002		rw					Clears/resets the connection currently using network port 50002.	Command: X
UE-210	systemStatus	USB Host Status	/usbHost/systemStatus/usbHostStatus	enum	ro	0	Disconnected, Connected	0	1	Read-only status of the currently active USB host connection. Note: the Direct Control API reports this as two separate fields, USBBHost and USBCHost -- HControl reports a single combined status for whichever USB host connection is currently active. Confirmed against the raw device descriptor (only one usbHostStatus param exists; this is a real difference in granularity between the two APIs, not a documentation gap).	Get: X
UE-210	systemStatus	USB 2.0 IP	/usbHost/systemStatus/usb20IP	string	ro	''				Read-only, comma-separated list of USB 2.0 source IP addresses (class: harman.common.ipv4.csv).	Get: X
UE-210	systemStatus	Port 0 Status	/usbHost/systemStatus/p0Status	string	ro	None				Read-only status of network port P0.	Get: X
UE-210	lldp	Switch MAC	/usbHost/lldp/switchMAC	string	ro	None				Read-only MAC address of the switch connected to this device, from LLDP.	Get: X
UE-210	lldp	Switch Name	/usbHost/lldp/switchName	string	ro	None				Read-only name of the switch connected to this device, from LLDP.	Get: X
UE-210	lldp	Switch Description	/usbHost/lldp/switchDescription	string	ro	None				Read-only description of the switch connected to this device, from LLDP.	Get: X
UE-210	lldp	Port Number	/usbHost/lldp/portNumber	string	ro	None				Read-only switch port number this device is connected to, from LLDP.	Get: X
UE-210	lldp	Port Description	/usbHost/lldp/description	string	ro	None				Read-only description of the switch port this device is connected to, from LLDP.	Get: X
UE-210	lldp	VLAN ID	/usbHost/lldp/vlanID	integer	ro	1				Read-only VLAN ID reported for this connection, from LLDP.	Get: X
UE-210	hctrlConfig	Enable HControl	/usbHost/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
UE-210	hctrlConfig	HControl Traffic Logs	/usbHost/hctrlConfig/enablehctrltrafic	boolean	ro	False				Read-only indicator of whether HControl traffic logging is enabled (class: harman.common.enable).	Get: X
UE-210	hctrlConfig	Discovery Broadcast	/usbHost/hctrlConfig/hcontroldiscoverbroadcast	boolean	rw	False				Enable/disable HControl device discovery via network broadcast.	Get: X; Set: X
UE-210	hctrlConfig	Discovery Multicast	/usbHost/hctrlConfig/hcontroldiscovermulticast	boolean	rw	False				Enable/disable HControl device discovery via network multicast.	Get: X; Set: X
UE-210	hctrlConfig	Discovery Multicast Address	/usbHost/hctrlConfig/hcontroldiscovermulticastaddr	string	rw	239.254.12.16				Multicast address used for HControl device discovery when multicast discovery is enabled.	Get: X; Set: X

UD-210 Decoder / Wall Plate

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	configuration	Model	/configuration/device/model	string	ro	UD-210				Device model identifier.	Get: X
UD-210	configuration	Serial Number	/configuration/device/serialnumber	string	ro	UD210XXXXXXXXXX				Device serial number.	Get: X
UD-210	configuration	Firmware Version	/configuration/device/version	string	ro					Installed firmware version.	Get: X
UD-210	configuration	Name	/configuration/device/name	string	rw	UD210-000001				H-Control device name.	Get: X; Set: X
UD-210	configuration	Enable	/configuration/network/interface/enable	boolean	ro					Enable status of the primary network interface.	Get: X
UD-210	configuration	Host Name	/configuration/network/interface/hostname	string	rw	UD210-000001				Host name of the primary network interface.	Get: X; Set: X
UD-210	configuration	Domain Name	/configuration/network/interface/domainname	string	rw					Domain name of the primary network interface.	Get: X; Set: X
UD-210	configuration	Domain Assign	/configuration/network/interface/domainassign	boolean	rw					Enable or disable domain assignment.	Get: X; Set: X
UD-210	configuration	Manual DNS	/configuration/network/interface/dnsassign	boolean	rw					Enable or disable manual DNS assignment.	Get: X; Set: X
UD-210	configuration	DNS Server Address	/configuration/network/interface/dnsserver	array						DNS server address list.	Get: X
UD-210	configuration	IP Address	/configuration/network/interface/dnsserver/[item]/ipaddress	string	rw	8.8.8.8				DNS server IPv4 address.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	configuration	Enable	/configuration/network/interface/ipv4/enable	boolean	ro					Enable status of IPv4 on the primary interface.	Get: X
UD-210	configuration	Address Negotiation	/configuration/network/interface/ipv4/dhcp	enum	rw	0	DHCP, Static	0	1	IPv4 address negotiation mode.	Get: X; Set: X
UD-210	configuration	IP Address	/configuration/network/interface/ipv4/ipaddress	string	rw					Primary-interface IPv4 address.	Get: X; Set: X
UD-210	configuration	Subnet Mask	/configuration/network/interface/ipv4/subnetmask	string	rw					Primary-interface IPv4 subnet mask.	Get: X; Set: X
UD-210	configuration	Gateway	/configuration/network/interface/ipv4/gateway	string	rw					Primary-interface IPv4 gateway.	Get: X; Set: X
UD-210	configuration	Enable	/configuration/network/interface/ipv6/enable	boolean	rw					Enable or disable IPv6 on the primary interface.	Get: X; Set: X
UD-210	configuration	Address Negotiation	/configuration/network/interface/ipv6/dhcp	enum	rw	0	DHCP, Static	0	1	IPv6 address negotiation mode.	Get: X; Set: X
UD-210	configuration	IP Address	/configuration/network/interface/ipv6/ipaddress	string	rw					Primary-interface IPv6 address.	Get: X; Set: X
UD-210	configuration	Prefix Length	/configuration/network/interface/ipv6/prefix	integer	rw	64		0	128	IPv6 prefix length.	Get: X; Set: X
UD-210	configuration	Gateway	/configuration/network/interface/ipv6/gateway	string	rw					Primary-interface IPv6 gateway.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	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
UD-210	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
UD-210	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
UD-210	Decoder	IP Address	/decoder/autoRecovery/ipAddress	string	ro	IPv4 Gateway Address				IPv4 Address used to ping for the Heartbeat to respond.	Get: X
UD-210	Decoder	Auto Update	/decoder/systemStatus/autoUpdate	boolean	ro	TRUE				Used to track the out of the box firmware update	Get: X
UD-210	streamSetup	Synchronize Device Name	/usbPeripheral/streamSetup/syncDeviceName	boolean	rw	True				Device name synchronize to H-Control and Dante Device Name.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	streamSetup	USB Stream	/usbPeripheral/streamSetup/usbStreamNumber	integer	rw	210		0	32767	Multicast stream ID used for the USB-over-IP stream.	Get: X; Set: X
UD-210	streamSetup	USB Multicast Address	/usbPeripheral/streamSetup/usbMulticastAddress	string	ro	239.255.1.163				Read-only multicast IP address used for the USB-over-IP stream.	Get: X
UD-210	streamSetup	KVM Enable	/usbPeripheral/streamSetup/kvmEnable	boolean	rw	True				KVM Enable status.	Get: X; Set: X
UD-210	streamSetup	USB 2.0 Enable	/usbPeripheral/streamSetup/usb20Enable	boolean	rw	True				USB 2.0 Enable status.	Get: X; Set: X
UD-210	managementSetup	Low Power Mode	/usbPeripheral/managementSetup/lowPowerMode	boolean	rw	False				Low power mode status.	Get: X; Set: X
UD-210	managementSetup	Settings Lock	/usbPeripheral/managementSetup/settingsLock	boolean	rw	False				Set Management Lock/Unlock. Same behavior as WEBProc:Lock: <on off>.	Get: X; Set: X
UD-210	managementSetup	Enable SNMP	/usbPeripheral/managementSetup/enableSNMP	boolean	rw	False				Enable/Disable SNMP.	Get: X; Set: X
UD-210	generalSetup	IGMP V3 Support	/usbPeripheral/generalSetup/igmpv3Support	boolean	rw	False				Enable/Disable IGMP V3 support.	Get: X; Set: X
UD-210	generalSetup	IGMP Join On Stream Loss	/usbPeripheral/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
UD-210	generalSetup	IGMP Join Interval	/usbPeripheral/generalSetup/igmpJoinInterval	enum	rw	2	1, 2, 3, 4			How often IGMP join requests are sent when the receive stream is lost.	Get: X; Set: X
UD-210	generalSetup	Enable Send Status	/usbPeripheral/generalSetup/sendStatusEnable	boolean	rw	True				Enable Send Status function.	Get: X; Set: X
UD-210	generalSetup	Send Status Address	/usbPeripheral/generalSetup/statusIP	string	rw					Sets the destination IP of the Send Status function.	Get: X; Set: X
UD-210	generalSetup	Status Intervals (sec)	/usbPeripheral/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
UD-210	generalSetup	Gratuitous ARP	/usbPeripheral/generalSetup/gratARPEnable	boolean	rw	True				Enable/disable transmission of gratuitous ARP packets.	Get: X; Set: X
UD-210	generalSetup	ARP Interval(sec))	/usbPeripheral/generalSetup/gratARPInterval	enum	rw	10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170,			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
							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				
UD-210	generalSetup	Discovery Packet Transmit	/usbPeripheral/generalSetup/enableDiscoveryPackets	boolean	rw	True				Enable/disable transmission of network discovery packets.	Get: X; Set: X
UD-210	generalSetup	Discovery Intervals (sec)	/usbPeripheral/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
UD-210	generalSetup	DSCP	/usbPeripheral/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
UD-210	datetime	Date Time	/usbPeripheral/datetime/datetime	string	rw	25569				Current device date/time, in ISO 8601 format (class: harman.common.datetime).	Get: X; Set: X
UD-210	datetime	Time Zone	/usbPeripheral/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-	0	74	Time zone setting.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							06:00) Guadalajara, Mexico City, Monterrey, (UTC- 06:00) Saskatchewan, (UTC-05:00) Bogota, Lima, Qutio, (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,				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							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, (UTC+04:30) Kabul, (UTC+05:00) Ekaterinburg, (UTC+05:00) Islamabad, Karachi, Tashkent, (UTC+05:30) Chennai, 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, Urumqi, (UTC+08:00) Taipei, (UTC+08:00)				

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
							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, Solomon Is, New Caledonia, (UTC+12:00) Auckland, Wellington, (UTC+12:00) Fiji, Kamchatka, Marshall Is, (UTC+13:00) Nuku'alofa				
UD-210	datetime	Enable Day Light Savings	/usbPeripheral/datetime/dstEnable	boolean	rw	False				Enable/Disable Day Light Saving Time.	Get: X; Set: X
UD-210	datetime	NTP Server Manager	/usbPeripheral/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
UD-210	datetime	NTP Select	/usbPeripheral/datetime/ntp/serverManager/select	boolean	rw	False				Enable/select this NTP server entry as active (class: harman.common.enable).	Get: X; Set: X
UD-210	datetime	NTP Server Name	/usbPeripheral/datetime/ntp/serverManager/serverName	string	rw			0	256	Add the server name for an NTP server.	Get: X; Set: X
UD-210	datetime	NTP IP/Host Name	/usbPeripheral/datetime/ntp/serverManager/server/ipHostName	string	rw			0	256	Add the IP or hostname for an NTP server.	Get: X; Set: X
UD-210	datetime	Description	/usbPeripheral/datetime/ntp/serverManager/server/description	string	rw			0	256	Add the description for an NTP server.	Get: X; Set: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	datetime	Authentication Type	/usbPeripheral/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
UD-210	datetime	Authentication Key ID	/usbPeripheral/datetime/ntp/serverManager/[server]/authKeyID	integer	rw	0				Add the authentication key ID for an NTP server.	Get: X; Set: X
UD-210	datetime	Authentication Secret	/usbPeripheral/datetime/ntp/serverManager/[server]/authSecret	string	rw					Add the authentication secret string for an NTP server.	Get: X; Set: X
UD-210	security	Force HTTPS	/usbPeripheral/security/forceHTTPS	boolean	rw	False				Sent over SSL ports with command password to force HTTPS access only.	Get: X; Set: X
UD-210	security	Webpage Disable Status	/usbPeripheral/security/webPageDisableStatus	boolean	ro	False				Read-only status indicating whether the web page has been disabled (set via the webPageDisable command).	Get: X
UD-210	security	Disable Webpage	/usbPeripheral/security/webPageDisable		rw					Sent over SSL ports with command password to disable web page access.	Command: X
UD-210	security	Command Secure Ports Only	/usbPeripheral/security/securePortsOnly	boolean	rw	False				When enabled, only allows external control through SSL ports 50101, 50102, 50104.	Get: X; Set: X
UD-210	logging	Start Debug Log	/usbPeripheral/logging/startDebugLog							Download debug log file (start).	Command: X
UD-210	logging	End Debug Log	/usbPeripheral/logging/stopDebugLog							Download debug log file (stop).	Command: X
UD-210	logging	Syslog Enable	/usbPeripheral/logging/syslogEnable	boolean	rw	False				Enable/disable sending log messages to a remote syslog server (class: harman.common.enable).	Get: X; Set: X
UD-210	logging	Syslog Server Address	/usbPeripheral/logging/syslogServerAddress	string	rw	192.0.2.10				IP address or hostname of the remote syslog server.	Get: X; Set: X
UD-210	logging	Syslog Server Port	/usbPeripheral/logging/syslogServerPort	integer	rw	514		0	65535	Network port used to reach the remote syslog server (0-65535).	Get: X; Set: X
UD-210	systemStatus	Port 50001 Source IP	/usbPeripheral/systemStatus/50001SourceIP	string	ro	None				Read-only source IP address currently using network port 50001.	Get: X
UD-210	systemStatus	Flush Port 50001	/usbPeripheral/systemStatus/flush50001		rw					Clears/resets the connection currently using network port 50001.	Command: X
UD-210	systemStatus	Port 50002 Source IP	/usbPeripheral/systemStatus/50002SourceIP	string	ro	None				Read-only source IP address currently using network port 50002.	Get: X
UD-210	systemStatus	Flush Port 50002	/usbPeripheral/systemStatus/flush50002		rw					Clears/resets the connection currently using network port 50002.	Command: X
UD-210	systemStatus	USB-A Status	/usbPeripheral/systemStatus/usbaStatus	enum	ro	0	Disconnected, Connected	0	1	USB-A device connection status.	Get: X
UD-210	systemStatus	USB-C Status	/usbPeripheral/systemStatus/usbcStatus	enum	ro	0	Disconnected, Connected	0	1	USB-C device connection status.	Get: X
UD-210	systemStatus	USB 2.0 IP	/usbPeripheral/systemStatus/usb20IP	string	ro	...				Read-only, comma-separated list of USB 2.0 source IP addresses (class: harman.common.ipv4.csv). Note: this corresponds to what the Direct Control API exposes as two separate fields, KVMMainIP and USB20MainIP -- confirmed against the raw device descriptor, which has no separate KVM-only IP path; both are folded into this single comma-separated list.	Get: X

Model	Category	Name	Path	Type	Access	Default	Enum Values	Min	Max	Description	HControl Operations
UD-210	systemStatus	Port 0 Status	/usbPeripheral/systemStatus/p0Status	string	ro	None				Read-only status of network port P0.	Get: X
UD-210	lldp	Switch MAC	/usbPeripheral/lldp/switchMAC	string	ro	None				Read-only MAC address of the switch connected to this device, from LLDP.	Get: X
UD-210	lldp	Switch Name	/usbPeripheral/lldp/switchName	string	ro	None				Read-only name of the switch connected to this device, from LLDP.	Get: X
UD-210	lldp	Switch Description	/usbPeripheral/lldp/switchDescription	string	ro	None				Read-only description of the switch connected to this device, from LLDP.	Get: X
UD-210	lldp	Port Number	/usbPeripheral/lldp/portNumber	string	ro	None				Read-only switch port number this device is connected to, from LLDP.	Get: X
UD-210	lldp	Port Description	/usbPeripheral/lldp/description	string	ro	None				Read-only description of the switch port this device is connected to, from LLDP.	Get: X
UD-210	lldp	VLAN ID	/usbPeripheral/lldp/vlanID	integer	ro	1				Read-only VLAN ID reported for this connection, from LLDP.	Get: X
UD-210	hctrlConfig	Enable HControl	/usbPeripheral/hctrlConfig/enablehcontrol	boolean	ro	True				Read-only indicator of whether the HControl protocol interface is enabled on this device.	Get: X
UD-210	hctrlConfig	HControl Traffic Logs	/usbPeripheral/hctrlConfig/enablehcontroltraffic	boolean	ro	False				Read-only indicator of whether HControl traffic logging is enabled (class: harman.common.enable).	Get: X
UD-210	hctrlConfig	Discovery Broadcast	/usbPeripheral/hctrlConfig/hcontroldiscoverybroadcast	boolean	rw	False				Enable/disable HControl device discovery via network broadcast.	Get: X; Set: X
UD-210	hctrlConfig	Discovery Multicast	/usbPeripheral/hctrlConfig/hcontroldiscoverymulticast	boolean	rw	False				Enable/disable HControl device discovery via network multicast.	Get: X; Set: X
UD-210	hctrlConfig	Discovery Multicast Address	/usbPeripheral/hctrlConfig/hcontroldiscoverymulticastaddr	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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