

AVCLINK HN-4K02CB

Контроллер Video over IP



Список команд API

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Help And Status Commands

?/HELP : Print help information.

GET STATUS : Get all status.

GET VERSION : Get all version.

/*Commands For System Control*/

SET RS232BAUDRATE a : Set RS-232 baud rate to a bps.

a=[0:115200 1:57600, 2:38400, 3:19200, 4:9600]

SET RESET : Reset controller system settings.

SET RESET NETWORK : Reset controller network settings.

SET RESET ALL : Reset controller system and network settings.

(Type "YES" to confirm, "No" to cancel).

Commands For Encoder And Decoder Control

SET ENC enc ID id: Set the index ID of the encoder.

Note: Device must be online

SET ENC enc DELETE : Delete the encoder in the current configuration.

SET ENC enc REBOOT : Set the encoder reboot.

SET ENC enc RESET : Set the encoder factory reset.

SET ENC enc AUDIO HDMI/ANALOG: Set the encoder audio input to HDMI or embedded analogue L/R.

SET ENC enc NAME name : Set the name of the encoder.

SET ENC enc LED ON : Set the encoder flash ENC LED.

SET ENC enc LED OFF : Set the encoder keep lightup the ENC LED.

SET ENC enc RXMODE : Set encoder enc to decoder mode

GET ENC [enc] STATUS : Get the decoder status.

SET ENC enc GUEST [ON/OFF] [BR br] [BIT bit] : Set encoder enc serial guest mode config

SET ENC enc SENDGUEST ASCII [message]: Send ASCII serial message to encoder enc

SET ENC enc SENDGUEST HEX [message]: Send HEX serial message to encoder enc

SET ENC enc EDID COPY dec: Set encoder enc EDID copy from decoder dec

SET ENC enc EDID DEFAULT zz : Set encoder enc EDID to default zz

enc=000: Select all encoder ports

enc=[001...n]: Select one encoder port

id=[001...199]: ID value

name: Max 16 characters

zz=00: 1080P 2.0 CH

zz=01: 1080I 2.0 CH

zz=02: 4K2K30_444 2.0 CH

zz=03: 4K2K60_420 2.0 CH

zz=04: 4K2K60_444 2.0 CH(Default)

zz=05: DVI 1280_1024_60 No Audio

zz=06: DVI 1920_1080_60 No Audio

zz=07: DVI 1920_1200_60 No Audio

br=[0:2400 1:4800 2:9600]

[3:19200 4:38400 5:57600 6:115200]

bit=Data Bits + Parity + Stop Bits, example: 8n1

Data Bits=[5...8], Parity=[n o e], Stop Bits=[1..2]

SET DEC dec ID id: Set decoder dec index to id

Note: Device must be online

SET DEC dec SWITCH enc ALL USER username : Set the decoder switch all signals.

SET DEC dec SWITCH enc SFR: Set the Decoder dec switch RS232 signals from Encoder enc.

SET DEC dec OUTPUT OSD ON: Set decoder dec show ID OSD on display on

SET DEC dec OUTPUT OSD OFF: Set decoder dec show ID OSD on display off

SET DEC dec LED ON: Set decoder dec flash DEC LED

SET DEC dec LED OFF: Set decoder dec DEC LED always on

SET DEC dec DELETE : Delete decoder dec from current system config

SET DEC dec RESOLUTION res : Set decoder dec resolution to res

SET DEC dec NAME name : Set decoder dec device name to name

SET DEC dec TXMODE : Set decoder dec to encoder mode

SET DEC dec SG [ON/OFF] [BR br] [BIT bit] : Set Decoder dec Serial Guest Mode Config

SET DEC dec GUEST [ASCII/HEX] [message]: Send Serial message To Decoder dec

GET DEC dec STATUS : Show decoder dec detailed status

SET DEC dec REBOOT : Reboot decoder dec and apply new config

SET DEC dec RESET : Reset decoder dec to factory default setting

dec=000: Select all output ports

dec=[001...n]: Select one output port

id=[001...199]: ID value

enc=[001...n]: Select one input port

res=[1:1280x720@50Hz 2:1280x720@60Hz 3:1920x1080@24Hz]

[4:1920x1080@25Hz 5:1920x1080@30Hz 6:1920x1080@50Hz]

[7:1920x1080@60Hz 8:3840x2160@24Hz 9:3840x2160@25Hz]

[10:3840x2160@30Hz 11:3840x2160@50Hz 12:3840x2160@60Hz]

[13:4096x2160@24Hz 14:4096x2160@25Hz 15:4096x2160@30Hz]

[16:4096x2160@50Hz 17:4096x2160@60Hz 18:1360x768@60Hz]

[19:1680x1050@60Hz 20:1920x1200@60Hz]

br=[0:2400 1:4800 2:9600]

[3:19200 4:38400 5:57600 6:115200]

bit=Data Bits + Parity + Stop Bits, example: 8n1

Data Bits=[5...8], Parity=[n o e], Stop Bits=[1..2]

name: Max 16 characters

Commands For Video Wall Control

CREATE WALL HANDLE hdl : Create video wall hdl

DELETE WALL HANDLE hdl : Delete video wall hdl

APPLY WALL hdl PRESET pre : Apply video wall hdl preset pre

SET WALL hdl C c R r RES res : Create video wall hdl of size column c row r at resolution res
(set res = 99 when use customer define resolution)

SET WALL hdl CRES TOTAL tx ty tref DEV dx dy dref : Set customer define resolution

SET WALL hdl CUT HOR LEFT/RIGHT ch VER TOP/BOTTOM cv : Set the video wall cut off pixels

SET WALL hdl NAME name : Set video wall hdl name To name

SET WALL hdl DEC dec Hh Vh : Set video wall hdl assign decoder dec to position horizontal h
vertical v

SET WALL hdl PRESET pre WND wnd CREATE posx posy width height NAME window1: Create a
window with ID wnd

on posx posy with width height on video wall hdl preset pre.

SET WALL hdl PRESET pre WND wnd RESIZE posx posy width height: Resize window with ID
wnd on posx posy

with width height on video wall hdl preset pre.

SET WALL hdl PRESET pre WND wnd SOURCE enc: Change window with ID wnd to encoder enc
on video wall hdl
preset pre.

SET WALL hdl PRESET pre WND wnd TOP/BOTTOM: Change window with ID wnd layer
sequence to TOP/BOTTOM

on video wall hdl preset pre.

SET WALL hdl PRESET pre WND wnd DELETE: Delete window with ID wnd on video wall hdl
preset pre.

tx : Horizon total pixel.

ty : Vertical total pixel.

tref : Total refresh rate

dx : Horizon device pixel.

dy : Vertical device pixel.

dref : Device refresh rate

ch : Horizon cut off pixel.

cv : Vertical cut off pixel.

hdl=[01...50]: Select video wall index

pre=[01...09]: Select preset index

posx : Horizon position in pixel.

posy : Vertical position in pixel.

c=[01...50]: Number of Columns in video wall

r=[01...50]: Number of Rows in video wall

h=[01...50]: Horizontal position in video wall

v=[01...50]: Vertical position in video wall

dec=[001...n]: Select one decoder

enc=[001...n]: Select one encoder

name: Max 16 characters

/*Commands For Marquee Management*/

SET WALL hdl PRESET pre MARQUEE maqidx ON posx posy: Delete window with ID wnd on video wall hdl preset pre.

SET WALL hdl PRESET pre MARQUEE maqidx OFF: Delete window with ID wnd on video wall hdl preset pre.

posx : Horizon position in pixel.

posy : Verical position in pixel.

/*Commands For Device Management*/

SEARCH : Search network for all encoder and decoder devices

SEARCH STATUS : Print search results

SEARCH RESET : Reset search results

ADD DEV RESET : Reset all encoder/decoder/videowall/search configurations

ADD DEV AUTO : Automatically add encoders and decoders for all new searches.

/*Commands For Network Control*/

SET NETWORK LAN2 DHCP ON/OFF : Set the controller network dhcp ON or OFF

SET NETWORK LAN2 STATIC IP ip : Set the controller network static ip address

SET NETWORK LAN2 STATIC GATEWAY gw : Set the controller network static gateway address

SET NETWORK LAN2 STATIC MASK mask : Set the controller network static subnet mask

SET NETWORK REBOOT : Set the controller network reboot

Call this command after LAN config is changed to reboot network

SET NETWORK SSH ON/OFF : Set the controller network ssh ON or OFF

SET NETWORK SSH PORT port : Set the controller network ssh port

SET NETWORK TELNET ON/OFF : Set the controller network telnet ON or OFF

SET NETWORK TELNET PORT port : Set the controller network telnet port

SET NETWORK WEB ON/OFF : Set the controlller network web GUI ON or OFF

SET NETWORK HTTPS ON/OFF : Set the controller network https ON or OFF

SET NETWORK DNS hostname : Set the controller network domain name to hostname