

HDMI OVER IP H.264 ENCODER APPLICATION PROGRAM INTERFACE

24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT BLACKBOX.COM

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CHAPTER 1: COMMANDS LIST OVERVIEW

1.1 GBCONFIG COMMANDS/GBCONFIG

TABLE 1-1. GBCONFIG COMMANDS/GBCONFIG

| COMMAND FORMAT | DESCRIPTION |
|---------------------------------|--|
| gbconfig --hdcpc-enable | Open or off HDCP |
| gbconfig --name | Set the alias of device |
| gbconfig --vbr-max-bitrate | Set the rate of video encode |
| gbconfig --cbr-avg-bitrate | Set the rate of video encode |
| gbconfig --ip-mode | Set IP Address Mode |
| gbconfig --ip4-addr | Set Static IP Address |
| gbconfig --net-mask | Set IP Address mask |
| gbconfig --gateway-ip | Set Gateway |
| gbconfig --audio-enc-type | Set the format of audio encode |
| gbconfig --aac-enc-bitrate | Set the rate of ACC encode |
| gbconfig --stream-enable | Set the encode stream on or off |
| gbconfig --media-transport | Set the transmit format of encode stream |
| gbconfig --media-dest-ip | Set the IP address of encode stream |
| gbconfig --media-dest-port | Set the port of encode stream |
| gbconfig --max-enc-res | Set the maximum encode resolution |
| gbconfig --enc-fps | Set the maximum encode frame rate |
| gbconfig --enc-gop | Set the GOP value |
| gbconfig --rate-limit-enable | Set the rate limit |
| gbconfig --enc-rc-mode | Set the video encode mode |
| gbconfig --vbr-max-qp | Set the maximum QP value of vbr |
| gbconfig --vbr-min-qp | Set the minimum QP value of vbr |
| gbconfig --line-out --mute | Set the analog audio output mute |
| gbconfig --cast-mode | Set the distribution mode of encode stream |
| gbconfig --cast-type | Set the IP distribution type of encode stream |
| gbconfig -s, --show | Show the current configuration contents of one configured item |
| gbconfig -h, --help | Show the help information |
| gbconfig --rs232-param | Set the RS-232 parameter of SinkPower |
| gbconfig --rs232-hex-cmd-enable | Set RS-232 of SinkPower command Hex mode enable or disable |
| gbconfig --sinkpower-mode | Set the work mode of SinkPower |



CHAPTER 1: COMMANDS LIST OVERVIEW

1.2 GBCONTROL COMMAND/GBCONTROL

TABLE 1-2. GBCONTROL COMMAND/GBCONTROL

| COMMAND FORMAT | DESCRIPTION |
|-----------------------|--|
| gbcontrol --blink-led | The LED of status flashes for 10 seconds at 5 Hz |

1.3 GBSHOW COMMAND/GBSHOW

TABLE 1-3. GBSHOW COMMAND/GBSHOW

| COMMAND FORMAT | DESCRIPTION |
|----------------------------|---|
| gbshow --version | Show the software version |
| gbshow --macaddr | Show the MAC address of display device |
| gbshow --input-resolution | Show the video resolution of input device |
| gbshow --output-resolution | Show the resolution of encode output |
| gbshow --input-audio | Show the audio format of input |
| gbshow --output-audio | Show the audio format of encode output |
| gbshow --uptime | Show the device startup time |
| gbshow --boot-times | Show the device startup times |

1.4 OTHER COMMANDS

TABLE 1-4. OTHER COMMANDS

| COMMAND FORMAT | DESCRIPTION |
|---------------------|-------------------------------------|
| gbstatus | Get the status information |
| reset_to_default.sh | Restore to factory default settings |
| sinkpower {on off} | Power on/off control commands |

CHAPTER 2: COMMANDS LIST DETAILS

2.1 GBCONFIG COMMANDS/GBCONFIG

2.1.1 GBCONFIG --HDCP-ENABLE

TABLE 2-1. GBCONFIG --HDCP-ENABLE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --hdcpc-enable {y/n} |
| Response | None |
| Description | Set the HDCP mode of the encoder HDMI input port, Y is the default |
| Example | Command: gbconfig --hdcpc-enable y Response: None |

2.1.2 GBCONFIG --NAME

TABLE 2-2. GBCONFIG --NAME

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side |
| Command | gbconfig --name namestring |
| Response | |
| Description | Set the alias of the encoder, this alias is used when bonjour is discovered, the configuration will take effect after the encoder reboots. namestring includes letters, numbers, "-", "_". 4KEncoder-MACADDR is the default |
| Example | Command: gbconfig --name MyVS-2001-ENC Response: None |



CHAPTER 2: COMMANDS LIST DETAILS

2.1.3 GBCONFIG --VBR-MAX-BITRATE

TABLE 2-3. GBCONFIG --VBR-MAX-BITRATE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side |
| Command | gbconfig --vbr-max-bitrate VideoEncBitRate |
| Response | None |
| Description | Set the video encode rate, the unit of rate is in kbps, the range is [64, 40960], 20000 is the default |
| Example | Command: gbconfig --vbr-max-bitrate 10000 Response: None |

2.1.4 GBCONFIG --CBR-AVG-BITRATE

TABLE 2-4. GBCONFIG --CBR-AVG-BITRATE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --cbr-avg-bitrate VideoEncBitRate |
| Response | None |
| Description | Set the video encode rate in CBR mode, the unit of rate is in kbps, the range is [64,40960], 10000 is the default |
| Example | Command: gbconfig --cbr-avg-bitrate 10000 Response: None |

2.1.5 GBCONFIG --IP-MODE

TABLE 2-5. GBCONFIG --IP-MODE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | bconfig --ip-mode {autoip static dhcp} |
| Response | None |
| Description | Set the mode of IP address, it can be configured to static or dhcp. Static is the default. Restart to take effect after it is modified |
| Example | Command: gbconfig --ip-mode static Response: None |

CHAPTER 2: COMMANDS LIST DETAILS

2.1.6 GBCONFIG --IP4-ADDR

TABLE 2-6. GBCONFIG --IP4-ADDR

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --ip4-addr ip4addr |
| Response | None |
| Description | Set the IP address, it will be efficient when the IP mode is on static; restart to take effect after modified. The default IP address is 192.168.1.39 |
| Example | Command: gbconfig --ip4-addr 192.168.1.11 Response: None |

2.1.7 GBCONFIG --NET-MASK

TABLE 2-7. GBCONFIG --NET-MASK

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --net-mask netmask |
| Response | None |
| Description | Set the IP address mask, it will be efficient when the IP mode is on static; restart to take effect after it is modified. The default is 255.255.255.0 |
| Example | Command: gbconfig --net-mask 255.255.0.0 Response: None |

2.1.8 GBCONFIG --GATEWAY-IP

TABLE 2-8. GBCONFIG --GATEWAY-IP

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --gateway-ip gateway |
| Response | None |
| Description | Set the gateway, it will be efficient when the IP mode is on static; restart to take effect after it is modified. The default is none |
| Example | Command: gbconfig --gateway-ip 192.168.1.1 Response: None |



CHAPTER 2: COMMANDS LIST DETAILS

2.1.9 GBCONFIG --AUDIO-ENC-TYPE

TABLE 2-9. GBCONFIG --AUDIO-ENC-TYPE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --audio-enc-type {lpcm aac} |
| Response | None |
| Description | Set the audio encode format, lpcm or aac, lpcm is the default |
| Example | Command: gbconfig --audio-enc-type aac Response: None |

2.1.10 GBCONFIG --AAC-ENC-BITRATE

TABLE 2-10. GBCONFIG --AAC-ENC-BITRATE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --aac-enc-bitrate { 32 48 64 96 128 192 240} |
| Response | None |
| Description | Set the encode rate of aac, it will take effect when the audio-enc-type is aac, the unit is in kbps; Optional values are 32, 48, 64, 96, 128, 192, 240, the default is 240 |
| Example | Command: gbconfig --aac-enc-bitrate 128 Response: None |

2.1.11 GBCONFIG --STREAM-ENABLE

TABLE 2-11. GBCONFIG --STREAM-ENABLE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --stream-enable {y n} |
| Response | None |
| Description | Set the encode stream open or off, y is the default |
| Example | Command: gbconfig --stream-enable y Response: None |

CHAPTER 2: COMMANDS LIST DETAILS

2.1.12 GBCONFIG --PROGRAM-NUMBER

TABLE 2-12. GBCONFIG --PROGRAM-NUMBER

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --program-number ProgramNumberVal |
| Response | None |
| Description | Set the program number of the TS code stream, the range is [1,65535] |
| Example | Command: gbconfig --program-number 2 Response: None |

2.1.13 GBCONFIG --STREAM-ENABLE

TABLE 2-13. GBCONFIG --STREAM-ENABLE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --media-transport {tsoverudp tsoverrtp} |
| Response | None |
| Description | Set the transmit method of streaming media, tsoverudp or tsoverrtp, and tsoverrtp is the default |
| Example | Command: gbconfig --media-transport tsoverudp Response: None |

2.1.14 GBCONFIG --MEDIA-DEST-IP

TABLE 2-14. GBCONFIG --MEDIA-DEST-IP

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --media-dest-ip MediaIpAddr |
| Response | None |
| Description | Set the target IP address of streaming media, when the current IP address is multiple unicast, the streaming media is on multiple mode; when the IP address is single cast, the streaming media is on single mode. 226.1.1.1 is the default |
| Example | Command: gbconfig --media-dest-ip 226.1.1.2 Response: None |



CHAPTER 2: COMMANDS LIST DETAILS

2.1.15 GBCONFIG --MEDIA-DEST-PORT

TABLE 2-15. GBCONFIG --MEDIA-DEST-PORT

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --media-dest-port MediaPort |
| Response | None |
| Description | Set the target port of streaming media, the range is [1025,65534], 12350 is the default. When RTSP is selected and on multiple unicast mode, the port will be configured |
| Example | Command: gbconfig --media-dest-port 12000 Response: None |

2.1.16 GBCONFIG --MAX-ENC-RES

TABLE 2-16. GBCONFIG --MAX-ENC-RES

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --max-enc-res {480p 576p 720p60 1080p 2160p} |
| Response | None |
| Description | Set the max resolution of the encoder, 2160P is the default |
| Example | Command: gbconfig --max-enc-res=480p Response: None |

2.1.17 GBCONFIG --ENC-FPS

TABLE 2-17. GBCONFIG --ENC-FPS

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --enc-fps [1,60] |
| Response | None |
| Description | Set the encode frame rate of the encoder, 60 is the default |
| Example | Command: gbconfig --enc-fps=60 Response: None |

CHAPTER 2: COMMANDS LIST DETAILS

2.1.18 GBCONFIG --ENC-GOP

TABLE 2-18. GBCONFIG --ENC-GOP

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --enc-gop [1,65535] |
| Response | None |
| Description | Set the encode GOP of the encoder, 60 is the default |
| Example | Command: gbconfig --enc-gop=60 Response: None |

2.1.19 GBCONFIG --ENC-RC-MODE

TABLE 2-19. GBCONFIG --ENC-RC-MODE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --enc-rc-mode {vbr cbr} |
| Response | None |
| Description | Set the encode mode of the encoder, vbr is the default |
| Example | Command: gbconfig --enc-rc-mode=vbr Response: None |

2.1.20 GBCONFIG --RATE-LIMIT-ENABLE

TABLE 2-20. GBCONFIG --RATE-LIMIT-ENABLE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --rate-limit-enable [y/n] |
| Response | None |
| Description | Set the encoder rate limit enable to on or off, off is the default |
| Example | Command: gbconfig --rate-limit-enable y Response: None |



CHAPTER 2: COMMANDS LIST DETAILS

2.1.21 GBCONFIG --VBR-MAX-QP

TABLE 2-21. GBCONFIG --VBR-MAX-QP

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --vbr-max-qp (vbr-min-qp,51] |
| Response | None |
| Description | Set the VBR max QP value, 51 is the default |
| Example | Command: gbconfig --vbr-max-qp 51 Response: None |

2.1.22 GBCONFIG --VBR-MIN-QP

TABLE 2-22. GBCONFIG --VBR-MIN-QP

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --vbr-min-qp (0,51] |
| Response | None |
| Description | Set the VBR min QP value, 51 is the default |
| Example | Command: gbconfig --vbr-min-qp 0 Response: None |

2.1.23 GBCONFIG --LINE-OUT --MUTE

TABLE 2-23. GBCONFIG --LINE-OUT --MUTE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --line-out --mute {y/n} |
| Response | None |
| Description | Set the output analog audio mute, n is the default |
| Example | Command: gbconfig --line-out --mute=y Response: None |

CHAPTER 2: COMMANDS LIST DETAILS

2.1.24 GBCONFIG --CAST-MODE

TABLE 2-24. GBCONFIG --CAST-MODE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --cast-mode {auto static} |
| Response | None |
| Description | Set the media cast mode, auto or static. The cast type will be multicast and the media dest ip will be auto generated in auto mode. The cast type and media dest ip will be the value set by the user |
| Example | Command: gbconfig --cast-mode auto Response: None |

2.1.25 GBCONFIG --CAST-TYPE

TABLE 2-25. GBCONFIG --CAST-TYPE

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --cast-type {multicast unicast} |
| Response | None |
| Description | Set the media cast ip type, multicast or unicast. NOTE: This settings will be efficient when cast mode is static |
| Example | Command: gbconfig --cast-type unicast Response: None |

2.1.26 GBCONFIG --RS232-PARAM

TABLE 2-26. GBCONFIG --RS232-PARAM

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbconfig --rs232-param RS232-PARAM |
| Response | None |
| Description | Set the parameter of SinkPower command, the format is b-dps, b is Baud rate, d is data rate, p is parity, s is stop bit |
| Example | Command: gbconfig --rs232-param 115200-8n1 Response: None |



CHAPTER 2: COMMANDS LIST DETAILS

2.1.27 GBCONFIG --RS232-HEX-CMD-ENABLE

TABLE 2-27. GBCONFIG --RS232-HEX-CMD-ENABLE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --rs232-hex-cmd-enable {y n} |
| Response | None |
| Description | Set RS-232 of SinkPower command Hex mode enable or disable |
| Example | Command: gbconfig --rs232-hex-cmd-enable y Response: None |

2.1.28 GBCONFIG --SINKPOWER-MODE

TABLE 2-28. GBCONFIG --SINKPOWER-MODE

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig --sinkpower-mode {cec rs232 both} |
| Response | None |
| Description | Set the work mode of SinkPower, cec means sending CEC command only, rs232 means sending RS-232 command only, both means not only sending CEC commands, but also sending RS-232 command; cec mode is by default |
| Example | Command: gbconfig --sinkpower-mode rs232 Response: None |

2.1.29 GBCONFIG -S

TABLE 2-29. GBCONFIG -S

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig -s, --show param |
| Response | The current value of parameter corresponding configuration items |
| Description | Get the current value of one configuration item |
| Example | Command: gbconfig -s --name Response: VS-2001-ENC |

CHAPTER 2: COMMANDS LIST DETAILS

2.1.30 GBCONFIG -H

TABLE 2-30. GBCONFIG -H

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbconfig -h, --help |
| Response | Show the help information |
| Description | Show the gbconfig commands help information |
| Example | <p>Command: gbconfig -h Response: Usage: gbconfig [options]</p> <p>Options:</p> <p>--hdcpc-enable[=VALUE] [y/n], HDCP enable switch --input-mode[=VALUE] [normal/test], input mode for hdmi --name=[VALUE] localname for bonjour --vbr-max-bitrate[=VALUE] [2000,30000], video encode max bitrate in kbps --ip-mode[=VALUE] [dhcp/static] --ip4-addr[=VALUE] ip4 addr --net-mask[=VALUE] ip4 netmask --gateway-ip[=VALUE] gateway ip --audio-enc-type[=VALUE] [pcm/aac] audio encode type --aac-enc-bitrate[=VALUE] [32,48,64,96,128,192,240] aac encode bitrate in kbps --stream-enable[=VALUE] [y/n] encoder encode and stream enable switch --program-number[=VALUE] [1,65535] ts program number --media-transport[=VALUE] [tsoverudp,tsoverrtsp] encoder streaming media transport type --media-dest-ip[=VALUE] encoder streaming media's dest ip --media-dest-port[=VALUE] [1025,65534],encoder streaming media's dest port --enc-resolution[=VALUE] [auto,480p,576p,720p60,1080p30,1080p60], video encode resolution</p> <p>-s, --show show the value for the specified items -h, --help show this message</p> <p>Example: gbconfig --name MyEncoder gbconfig --ip-mode=static --ip4-addr=192.168.1.11 --net-mask=255.255.0.0 gbconfig -s --name gbconfig --show --ip4-addr --net-mask</p> |



CHAPTER 2: COMMANDS LIST DETAILS

2.2 GBCONTROL COMMAND/GBCONTROL

2.2.1 GBCONTROL --BLINK-LED

TABLE 2-31. GBCONTROL --BLINK-LED

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbcontrol --blink-led |
| Response | None |
| Description | Control the LED of encoder flashing for 10 seconds at 5 Hz |
| Example | Command: gbcontrol --blink-led Response: None |

2.3 GBSHOW COMMAND/GBSHOW

2.3.1 GBSHOW --VERSION

TABLE 2-32. GBSHOW --VERSION

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbshow --version |
| Response | Firmware version |
| Description | Get the firmware version |
| Example | Command: gbshow --version Response: vx.x.x |

2.3.2 GBSHOW --INPUT-RESOLUTION

TABLE 2-33. GBSHOW --INPUT-RESOLUTION

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side |
| Command | gbshow --input-resolution |
| Response | Current resolution of HDMI input, for example: 1366_768_60@720p_60 |
| Description | Get the current resolution of HDMI input |
| Example | Command: gbshow --input-resolution Response: 1366_768_60 |

CHAPTER 2: COMMANDS LIST DETAILS

2.3.3 GBSHOW --MACADDR

TABLE 2-34. GBSHOW --MACADDR

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbshow --macaddr |
| Response | The MAC address of the encoder, for example: 34:1B:22:FF:FF:C4 |
| Description | Get the MAC address of device |
| Example | Command: gbshow --macaddr Response: 34:1B:22:FF:FF:C4 |

2.3.4 GBSHOW --OUTPUT-RESOLUTION

TABLE 2-35. GBSHOW --OUTPUT-RESOLUTION

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbshow --output-resolution |
| Response | Current resolution of encode output, for example: 1366_768_60@720p_60 |
| Description | Get the MAC address of device |
| Example | Command: gbshow --output-resolution Response: 1280_768_60 |

2.3.5 GBSHOW --INPUT-AUDIO

TABLE 2-36. GBSHOW --INPUT-AUDIO

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbshow --input-audio |
| Response | Current input audio format, such as lpcm |
| Description | Get the current input audio format |
| Example | Command: gbshow --input-audio Response: lpcm |



CHAPTER 2: COMMANDS LIST DETAILS

2.3.6 GBSHOW --OUTPUT-AUDIO

TABLE 2-37. GBSHOW --OUTPUT-AUDIO

| PARAMETER | DESCRIPTION |
|-------------|---|
| Direction | telnet users side -> Device |
| Command | gbshow --output-audio |
| Response | Current output audio format, such as aac |
| Description | Get the current output audio format |
| Example | Command: gbshow --output-audio Response: aac |

2.3.7 GBSHOW --UPTIME

TABLE 2-38. GBSHOW --OUTPUT-AUDIO

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbshow --uptime |
| Response | System start running time, in seconds |
| Description | Get the system start running time |
| Example | Command: gbshow --uptime Response: 1888 |

2.3.8 GBSHOW --BOOT-TIMES

TABLE 2-39. GBSHOW --BOOT-TIMES

| PARAMETER | DESCRIPTION |
|-------------|--|
| Direction | telnet users side -> Device |
| Command | gbshow --boot-times |
| Response | System startup times |
| Description | Get the system startup times |
| Example | Command: gbshow --boot-times Response: 15 |

CHAPTER 2: COMMANDS LIST DETAILS

2.4 SERIAL CONTROL

TABLE 2-40. SERIAL CONTROL

| PARAMETER | DESCRIPTION |
|---|--|
| Serial parameter setting [v1.2] | |
| Command | soip2 -S -b RS232-PARAM |
| Description | -S: Just means set the parameter RS232-PARAM: Format: b-dps b: baud rate d: data bits p: parity s: stop bit |
| Obtain the serial parameter setting [v1.2] | |
| Command | soip2 -G |
| Response | baud rate: BAUD-RATE data bits: DATA-BITS parity type: PARITY stop bits: STOP_BITS HEX mode: HEX |
| Description | -G: Just means get the serial parameter BAUD-RATE: Baud rate DATA-BITS: Data bits PARITY: Parity STOP-BITS: Stop bits HEX: Hex mode, "true" or "false" |
| Send serial content | |
| Command | soip2 -f /dev/ttyS0 -b RS232-PARAM [-r] [-n] -s "CONTENT" |
| Description | RS232-PARAM: Format: b-dps b: baud rate d: data bits p: parity s: stop bit [-r]: Attach a <CR> to the end of "CONTENT" [-n]: Attach a <LF> after <CR> or to the end of "CONTENT" CONTENT: The RS-232 content you want to send |



APPENDIX: DISCLAIMER/TRADEMARKS

A.1 DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

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