



## **4KMX44-H2**

4 x 4 HDMI Matrix with Audio Outputs

## **API Command Set**

Version: V1.0.0

## RS232 Default Setting

Parameters	Value
Baud Rate	115200 bps
Data bits	8 bits
Parity	None
Stop bits	1 bit
Flow control	None

## About Telnet Connection

Before the process of sending the telnet command, shall make telnet connection to the corresponding device.

The form of telnet command is as follow:

*telnet ip (port)*

*ip*: The unit's IP address.

*port*: The unit's port number, this is non-required on some Telnet control tools or platforms. If required, port number is 23 by default.

Example: If the unit's IP address is 192.168.11.143,

The telnet command is *telnet 192.168.11.143*

## Command

Take Command *SET SW in out<CR><LF>* as an example:

1. *[SET SW]* denotes command key words, case insensitive.
2. *[in out]* denotes parameters, case insensitive; incorrect parameters number will not be recognized.
3. *<CR><LF>* denotes a carriage return or a line feed; all commands must be ended up with a carriage return or a line feed.

IDX	Description	Command	Example
<b>Normal switch case</b>			
1	Switch Input for Output	<p><b>Command:</b> SET SW <i>in out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SW <i>in out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}; <i>out</i> = {hdmiout1, hdmiout2...hdmiout4};</p> <p><b>Description:</b> SW is short for Switch Switch one input source for one output sink</p>	<p><b>Command:</b> SET SW hdmiin1 hdmiout2&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SW hdmiin1 hdmiout2&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Switch input 1 for hdmi output 2</p>
2	Switch indicate input for all outputs	<p><b>Command:</b> SET SW <i>in all</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SW <i>in all</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>in</i> = { hdmiin1, hdmiin2... hdmiin4}; <i>all</i> = {all};</p> <p><b>Description:</b> SW is short for Switch Switch one input source for all output sink</p>	<p><b>Command:</b> SET SW hdmiin1 <i>all</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SW hdmiin1 <i>all</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Switch input1 for all output sink</p>

IDX	Description	Command	Example
3	Get which input mapping to the indicate Output	<p><b>Command:</b> GET MP <i>out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MP <i>in out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}; <i>out</i> = {hdmiout1, hdmiout2...hdmiout4};</p> <p><b>Description:</b> MP is short for mapping Get which input mapping to the indicate Output</p>	<p><b>Command:</b> GET MP <i>hdmiout1</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MP <i>hdmiin2</i> <i>hdmiout1</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get which input mapping to output 1</p>
4	Get which output mapping to all input	<p><b>Command:</b> GET MP <i>all</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MP <i>in out</i>&lt;CR&gt;&lt;LF&gt; MP <i>in out</i>&lt;CR&gt;&lt;LF&gt; .....</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}; <i>out</i> = {hdmiout1, hdmiout2...hdmiout4}; <i>all</i> = {all};</p> <p><b>Description:</b> MP is short for mapping Get which output mapping to all input</p>	<p><b>Command:</b> GET MP <i>all</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MP <i>hdmiin1</i> <i>hdmiout1</i>&lt;CR&gt;... MP <i>hdmiin2</i> <i>hdmiout2</i>&lt;CR&gt;&lt;LF&gt; .....</p> <p><b>Description:</b> Get which output mapping to all input</p>

IDX	Description	Command	Example
<b>CEC Control</b>			
1	Set CEC POWER ON/OFF	<p><b>Command:</b> SET CEC_PWR <i>out prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> CEC_PWR <i>out prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {on, off} <i>out</i> = {hdmiout1, hdmiout2...hdmiout4, all };</p> <p><b>Description:</b> Set sink power on or off</p>	<p><b>Command:</b> SET CEC_PWR hdmiout1 <i>on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> CEC_PWR hdmiout1 <i>on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set sink hdmi output 1 power on</p>
2	Set CEC AUTO POWER ON/OFF	<p><b>Command:</b> SET AUTOCEC_FN <i>out prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_FN <i>out prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {on, off} <i>out</i> = {hdmiout1, hdmiout2...hdmiout4};</p> <p><b>Description:</b> Set sink auto power Function ON or OFF</p>	<p><b>Command:</b> SET AUTOCEC_FN hdmiout1 <i>on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_FN hdmiout1 <i>on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set sink hdmi output 1 auto power ON</p>

IDX	Description	Command	Example
3	Get CEC AUTO POWER ON/OFF Status	<p><b>Command:</b> GET AUTOCEC_FN <i>out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_FN <i>out</i> <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {on, off}; <i>out</i> = {hdmiout1, hdmiout2...hdmiout4};</p> <p><b>Description:</b> Get Sink auto power Function ON or OFF Status.</p> <p><b>Default:</b> on</p>	<p><b>Command:</b> GET AUTOCEC_FN hdmiout1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_FN <i>on</i></p> <p><b>Description:</b> Get Sink auto power status, and the status is ON.</p>
4	Set CEC POWER Delay Time	<p><b>Command:</b> SET AUTOCEC_D <i>out</i> <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_D <i>out</i> <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>out</i> = {hdmiout1, hdmiout2...hdmiout4}; <i>prm</i> = {1,2,3...} // according to the actual time counter,1 means 1 minute ,2 means 2 minutes, Default wait time is 2 minutes, Max wait time is 30 minutes.</p> <p><b>Description:</b> AUTOCEC_D is short for CEC auto Power Delay Timing</p>	<p><b>Command:</b> SET AUTOCEC_D <i>hdmiout1 2</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_D <i>hdmiout1</i> <i>2</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> when no active signal to hdmi1, 2 minutes later, the unit will auto power off.</p>

IDX	Description	Command	Example
5	Get CEC POWER Delay Time Status	<p><b>Command:</b> GET AUTOCEC_D <i>out</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_D <i>out prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>out</i> = {hdmiout1, hdmiout2...hdmiout4}; <i>prm</i> = {1,2,3...} // according to the actual time counter, 1 means 1 minute, 2 means 2 minutes, Default wait time is 2 minutes, Max wait time is 30 minutes.</p> <p><b>Description:</b> AUTOCEC_D is short for CEC auto Power Delay Timing</p> <p><b>Default:</b> 2</p>	<p><b>Command:</b> GET AUTOCEC_D <i>hdmiout1</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> AUTOCEC_D <i>hdmiout1 2</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get hdmi1 auto power delay time, the result is 2 minutes</p>
<b>HDCP</b>			
1	Set Input HDCP support ON/OFF	<p><b>Command:</b> SET HDCP_S <i>in prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> HDCP_S <i>in prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {on, off} <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}</p> <p><b>Description:</b> HDCP_S will control source hdcpc support on or off</p>	<p><b>Command:</b> SET HDCP_S <i>hdmiin1 on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> HDCP_S <i>hdmiin1 on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set hdmi input 1 hdcpc support on</p>

IDX	Description	Command	Example
2	Get Input HDCP support ON/OFF Status	<p><b>Command:</b> GET HDCP_S <i>in</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> HDCP_S <i>in prm</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {on, off} <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}</p> <p><b>Description:</b> HDCP_S is short for HDCP support</p> <p><b>Default:</b> on</p>	<p><b>Command:</b> GET HDCP_S hdmiin1 &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> HDCP_S <i>hdmiin1</i> <i>on</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get hdmi1 hdcp support on or off status, and the result is on</p>



IDX	Description	Command	Example
<b>EDID</b>			
1	Set Input EDID	<p><b>Command:</b> SET EDID <i>in prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID <i>in prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}; <i>prm</i> = {1 ~12} 01: Copy form output 1 02: Copy form output 2 03: Copy form output 3 04: Copy form output 4 05 : 4K@60Hz 5.1ch audio With HDR 06: 4K@60Hz 2.0ch audio With HDR 07: 4K@30Hz 7.1ch audio With HDR 08: 4K@30Hz 5.1ch audio With HDR 09: 4K@30Hz 2.0ch audio With HDR 10: 4K@30Hz/8bit only 2.0ch audio Without HDR 11: 1080P@60Hz 2.0ch audio ... 12: Smart EDID</p> <p><b>Description:</b> Set Input EDID</p>	<p><b>Command:</b> SET EDID <i>hdmiin1</i> <i>10</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID <i>hdmiin1</i> <i>10</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set in1 EDID Fix 4K@30Hz/8bit only 2.0ch audio Without HDR</p>

IDX	Description	Command	Example
2	Get All Input EDID status	<p><b>Command:</b> GET EDID <i>all</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID <i>in prm</i>&lt;CR&gt; EDID <i>in prm</i>&lt;CR&gt; EDID <i>in prm</i>&lt;CR&gt;&lt;LF&gt; .....</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2...hdmiin4}; <i>prm</i> = {1 ~13} 01: Copy form output 1 02: Copy form output 2 03: Copy form output 3 04: Copy form output 4 05 : 4K@60Hz 5.1ch audio With HDR 06: 4K@60Hz 2.0ch audio With HDR 07: 4K@30Hz 7.1ch audio With HDR 08: 4K@30Hz 5.1ch audio With HDR 09: 4K@30Hz 2.0ch audio With HDR 10: 4K@30Hz/8bit only 2.0ch audio Without HDR 11: 1080P@60Hz 2.0ch audio                    ... 12: Smart EDID 13: EDID Write</p> <p><b>Description:</b> Get all input EDID Status</p> <p><b>Default:</b> 5</p>	<p><b>Command:</b> GET EDID <i>all</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID hdmiin1 01&lt;CR&gt; EDID hdmiin2 02&lt;CR&gt; EDID hdmiin3 03&lt;CR&gt;&lt;LF&gt; .....</p> <p><b>Description:</b> Get all input EDID Status</p>

IDX	Description	Command	Example
3	Get one input EDID Status	<p><b>Command:</b> GET EDID <i>in</i> &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID <i>in prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>in</i> = {hdmiin1, hdmiin2....hdmiin4}; <i>prm</i> = {1 ~13} 01: Copy form output 1 02: Copy form output 2 03: Copy form output 3 04: Copy form output 4 05 : 4K@60Hz 5.1ch audio With HDR 06: 4K@60Hz 2.0ch audio With HDR 07: 4K@30Hz 7.1ch audio With HDR 08: 4K@30Hz 5.1ch audio With HDR 09: 4K@30Hz 2.0ch audio With HDR 10: 4K@30Hz/8bit only 2.0ch audio Without HDR 11: 1080P@60Hz 2.0ch audio ... 12: Smart EDID 13: EDID Write</p> <p><b>Description:</b> Get one input EDID Status</p> <p>Default: 5</p>	<p><b>Command:</b> GET EDID hdmiin1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> EDID hdmiin1 10&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get in1 edid status, and the status is Fix 4K@30Hz/8bit only 2.0ch audio Without HDR</p>

IDX	Description	Command	Example
<b>System Info</b>			
1	Factory reset	<b>Command:</b> RESET<CR><LF>  <b>Return:</b> RESET<CR><LF>  <b>Description:</b> Factory reset	<b>Command:</b> RESET<CR><LF>  <b>Return:</b> RESET<CR><LF>  <b>Description:</b> Factory reset all board
2	System reboot	<b>Command:</b> REBOOT<CR><LF>  <b>Return:</b> REBOOT<CR><LF>  <b>Description:</b> System reboot	<b>Command:</b> REBOOT<CR><LF>  <b>Return:</b> REBOOT<CR><LF>  <b>Description:</b> System reboot
3	Get the API list	<b>Command:</b> help<CR><LF>  <b>Description:</b> Get the API list	<b>Command:</b> help<CR><LF>  <b>Description:</b> Get the API list
4	Set IP Mode	<b>Command:</b> SET IP MODE pcm<CR><LF>  <b>Return:</b> IP MODE pcm <CR><LF>  <b>Parameter:</b> pcm= {static, dhcp}  <b>Description:</b> Set IP mode  <b>Default:</b> DHCP	<b>Command:</b> SET IP MODE dhcp<CR><LF>  <b>Return:</b> IP MODE dhcp [<CR><LF>  <b>Description:</b> Set IP mode is dhcp

IDX	Description	Command	Example
5	Get IP Mode	<p><b>Command:</b> GET IP MODE&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IP MODE pcm &lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> pcm= {static, dhcp}</p> <p><b>Description:</b> Get IP mode</p> <p><b>Default:</b> DHCP</p>	<p><b>Command:</b> GET IP MODE&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IP MODE dhcp &lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> IP mode is dhcp</p>
6	SET IP address	<p><b>Command:</b> SET IPADDR xx.xx.xx.xx xx.xx.xx.xx xx.xx.xx.xx&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IPADDR IP:xx.xx.xx.xx MASK: xx.xx.xx.xx GATE: xx.xx.xx.xx&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> SET IP address</p>	<p><b>Command:</b> SET IPADDR 192.168.1.4 255.255.255.0 192.168.1.1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IPADDR IP:192.168.1.4 MASK:255.255.255.0 GATE:192.168.1.1[&lt;CR &gt;&lt;LF&gt;</p> <p><b>Description:</b> Set IP address is 192.168.1.4, MASK is 255.255.255.0, GATE is 192.168.1.1</p>

IDX	Description	Command	Example
7	GET IP address	<p><b>Command:</b> GET IPADDR&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IPADDR IP:xx.xx.xx.xx MASK: xx.xx.xx.xx GATE: xx.xx.xx.xx&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> GET IP address</p>	<p><b>Command:</b> GET IPADDR&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> IPADDR IP:192.168.1.4 MASK:255.255.255.0 GATE:192.168.1.1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get IP address is 192.168.1.4, MASK is 255.255.255.0, GATE is 192.168.1.1</p>
<b>Update info</b>			
1	Get selected target firmware version	<p><b>Command:</b> GET VER&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> VER <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {...} // according to actual firmware version</p> <p><b>Description:</b> Get selected target firmware version</p>	<p><b>Command:</b> GET VER&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> 4KMX44-H2 VER 1.0, ARM VER 1.0&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get all module firmware version</p>
2	Upgrade module	<p><b>Command:</b> UPG [<i>prm</i>] &lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> UPG [<i>prm</i>] &lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {MASTER, ARM}</p> <p><b>Description:</b> Upgrade module</p>	<p><b>Command:</b> UPG MASTER&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> UPG MASTER&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> upgrade module</p>

IDX	Description	Command	Example
<b>Preset scene</b>			
1	Save Preset Scene	<p><b>Command:</b> SAVE PRESET <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> PRESET <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {1,2,3}//</p> <p><b>Description:</b> Save Preset Scene</p>	<p><b>Command:</b> SAVE PRESET 1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> PRESET 1 &lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Save preset scene</p>
2	Restore Preset Scene	<p><b>Command:</b> RESTORE PRESET <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> PRESET <i>prm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>prm</i> = {1,2,3}//</p> <p><b>Description:</b> Restore Preset Scene</p> <p><b>Default:</b> mp hdmiin1 hdmiout1 mp hdmiin2 hdmiout2 mp hdmiin3 hdmiout3 mp hdmiin4 hdmiout4</p>	<p><b>Command:</b> RESTORE PRESET 1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> PRESET 1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Restore preset scene</p>

IDX	Description	Command	Example
<b>Audio</b>			
1	Set Audio Output mute	<p><b>Command:</b> SET MUTE <i>out pcm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MUTE <i>out pcm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>pcm</i> = {on, off}; //on means mute; off means unmute <i>out</i> = {audioout1, audioout2,...audioout4, all};</p> <p><b>Description:</b> Set Audio mute or not mute</p>	<p><b>Command:</b> SET MUTE <i>audioout1 on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MUTE <i>audioout1 on</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set audioout1 mute on</p>
2	Get Audio Output mute status	<p><b>Command:</b> GET MUTE <i>out</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MUTE <i>out pcm</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> <i>pcm</i> = {on, off}; //on means mute; off means unmute <i>out</i> = {audioout1, audioout2,...audioout4, all};</p> <p><b>Description:</b> Get Audio Output mute status</p> <p><b>Default:</b> off</p>	<p><b>Command:</b> GET MUTE <i>audioout1</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> MUTE <i>audioout1 off</i>&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get Audio Output mute status.</p>



IDX	Description	Command	Example
<b>Scaler</b>			
1	Set video Output scaler	<p><b>Command:</b> SET SCALER out pcm&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SCALER out pcm&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> pcm = {on, off}; //on means scaler; off means not scaler out = {hdmiout1, hdmiout2,...hdmiout4, all};</p> <p><b>Description:</b> Set Video scaler or not scaler</p>	<p><b>Command:</b> SET SCALER hdmiout1 on&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SCALER hdmiout1 on&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Set hdmiout1 scaler on</p>
2	Get video Output scaler status	<p><b>Command:</b> GET SCALER out&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SCALER out pcm&lt;CR&gt;&lt;LF&gt;</p> <p><b>Parameter:</b> pcm = {on, off}; //on means mute; off means unmute out = {hdmiout1, hdmiout2,...hdmiout4, all};</p> <p><b>Description:</b> Get video Output scaler status</p> <p><b>Default:</b> on</p>	<p><b>Command:</b> GET SCALER hdmiout1&lt;CR&gt;&lt;LF&gt;</p> <p><b>Return:</b> SCALER hdmiout1 on&lt;CR&gt;&lt;LF&gt;</p> <p><b>Description:</b> Get video Output scaler status.</p>



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