1	Get UART BAUDRATE	**Syntax** **Command:** GET UART_B [CR/LF] **Return:** UART_B [CR/LF] **Parameter:** **Description:** Get UART BAUDRATE,default value is 115200.	**Example** **Command:** GET UART_B [CR/LF] **Return:** UART_B *9600* [CR/LF] **Description:** Get UART baudrate 9600
2	Set UART BAUDRATE	**Syntax** **Command:** SET UART_B *prm* [CR/LF] **Return:** UART_B *prm* [CR/LF] **Parameter:** *prm* = {9600,19200,38400,57600,115200} **Description:** Set UART BAUDRATE,default value is 115200.	**Example** **Command:** SET UART_B *9600* [CR/LF] **Return:** UART_B *9600* [CR/LF] **Description:** Set UART baudrate 9600
3	Get UART ENDCHAR	**Syntax** **Command:** GET UART_E[CR/LF] **Return:** UART_E *prm* [CR/LF] **Parameter:** *prm* = {null,,cr,lf,crlf} cr: carriage return, ascii code is 0x0D. lf: line feed, ascii code is 0x0A. **Description:** Get UART ENDCHAR,default value is crlf.	**Example** **Command:** GET UART_E [CR/LF] **Return:** UART_E *cr* [CR/LF] **Description:** UART end Char is cr
4	Set UART ENDCHAR	**Syntax** **Command:** SET UART_E *prm* [CR/LF] **Return:** UART_E *prm* [CR/LF] **Parameter:** *prm* = {null,,cr,lf,crlf} cr: carriage return, ascii code is 0x0D. lf: line feed, ascii code is 0x0A. **Description:** Set UART ENDCHAR,default value is crlf.	**Example** **Command:** SET UART_E *cr* [CR/LF] **Return:** UART_E *cr* [CR/LF] **Description:** set UART end Char is cr

5	character uart command edit	**Syntax**
		Command:
		SET UART_STR *prm1 prm2 prm3* [[CR/LF]
		
		Return:
		UART_STR *prm1 prm2 prm3* [CR/LF]
		
		Parameter:
		※ *prm1* = {poweron,poweroff}//PRM1 is the standard command, newest cmd.
		※ prm2 = {1,2,3,4,5}//PRM2 is the index of insertting command.
		※ *prm3* = {xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx}//PRM3 is the original command according device guidelines,less than 64 characters.
		
		Description:
		Character uart command edit
			Example
			Command:
			SET UART_STR *poweron 1 xxxx* [[CR/LF]
			
			Return:
			UART_STR *poweron 1 xxxx* [[CR/LF]
			
			Description:
			Edid UART command

6	character uart command get	**Syntax**
		Command:
		GET UART_STR *prm1 prm2* [[CR/LF]
		
		Return:
		UART_STR *prm1 prm2* [CR/LF]
		
		Parameter:
		※ *prm1* = {poweron,poweroff}//PRM1 is the standard command, newest cmd.
		※ prm2 = {1,2,3,4,5,all}//PRM2 is the index of insertting command.
		
		Description:
		Character uart command get
			Example
			Command:
			GET UART_STR *poweron 1* [[CR/LF]
			
			Return:
			UART_STR *poweron 1 xxxx* [[CR/LF]
			
			Description:
			Get UART command

7	Hex uart command edit	**Syntax**
		Command:
		SET UART_HEX *prm1 prm2 hex1 hex2 hex3* …. [[CR/LF]
		
		Return:
		UART_HEX *prm1 prm2 hex1 hex2 hex3* …. [CR/LF]
		
		Parameter:
		※ prm1 = {poweron,poweroff}//PRM1 is the standard command, newest cmd.
		※ prm2 = {1,2,3,4,5}//PRM2 is the index of insertting command.
		※ *Hex1, hex2 ….* = {xx xx xx xx …. }//hex1, hex2…., is asscii string of hex value. For example, string "12", convent to correct format string is“31 32 ”,less than 64 characters.
		
		Description:
		Hex uart command edit
			Example
			Command:
			SET UART_HEX *poweron 1 12 34 56* ….
			[[CR/LF]
			
			Return:
			UART_HEX *poweron 1 12 34 56* ….[[CR/LF]
			
			Description:
			Edid UART command with HEX format

8	Set HDBT Long Reach on/off	**Syntax** **Command:** SET LR_FN *prm1* [CR/LF] **Return:** LR_FN *prm1* [CR/LF] **Parameter:** ※ *prm1* = {on, off}; **Description:** set HDBT long reach on/off,default value is off.	**Example** **Command:** SET LR_FN *on* [CR/LF] **Return:** LR_FN *on* [CR/LF] **Description:** set all hdbt output enable long reach mode

9	Get HDBT Long Reach on/off	**Syntax** **Command:** GET LR_FN [CR/LF] **Return:** LR_FN *prm1* [CR/LF] **Parameter:** ※ *prm1* = {on, off}; **Description:** get long reach on/off,default value is off.	Example **Command:** GET LR_FN[CR/LF] **Return:** LR_FN *on* [CR/LF] **Description:** get all hdbt output enable long reach mode status
10	Factory reset	**Syntax** **Command:** RESET [CR/LF] **Return:** RESET [CR/LF] **Parameter:** **Description:** Factory reset	**Example** **Command:** RESET [CR/LF] **Return:** RESET [CR/LF] **Description:** Factory reset
11	Get UART CMD	**Syntax** **Command:** HELP [CR/LF] **Return:** *prm* [CR/LF] **Parameter:** *prm* = {SET UART_B prm,GET UART_B,…..} **Description:** Get all RS232 command	**Example** **Command:** HELP [CR/LF] **Return:** SET UART_B prm [CR/LF] GET UART_B [CR/LF] RESET UART_B [CR/LF] SET UART_E prm [CR/LF] GET UART_E [CR/LF] RESET UART_E [CR/LF] … **Description:**
12	Get software version	**Syntax** **Command:** GET SW_VERSION [CR/LF] **Return:** *prm1* [CR] **Parameter:** *prm1* = software version info **Description:** Get software version	**Example** **Command:** GET SW_VERSION [CR/LF] **Return:** EX0301_N002_E10 V1.0 **Description:** Get software version
13	Upgrade module	**Syntax** **Command:** UPG [*prm*] [CR/LF] **Return:** UPG [*prm*] [CR/LF] **Parameter:** *prm* = {xxx} **Description:** Upgrade module	**Example** **Command:** UPG [CR/LF] **Return:** UPG [CR/LF] **Description:** upgrade module

14	Set CEC POWER Delay Time	**Syntax** **Command:** SET AUTOCEC_D *prm* [CR/LF] **Return:** AUTOCEC_D SET *prm* [CR/LF] **Parameter:** ※ *prm* = {1,2,3…,}// according to the actual time counter,1 means1 minute ,2 means 2 minutes，Default wait time is 2 minutes,Max wait time is 30 minutes. **Description:** AUTOCEC_D is short for CEC auto Power Delay Timing	**Example** **Command:** SET AUTOCEC_D *3* [CR/LF] **Return:** AUTOCEC_D SET *3* [CR/LF] **Description:** when no active signal to output, 3 minutes later,the unit will auto power off.
15	Get CEC POWER Delay Time Status	**Syntax** **Command:** GET AUTOCEC_D [CR/LF] **Return:** AUTOCEC_D GET *prm* [CR/LF] **Parameter:** ※ prm = {1,2,3…,}// according to the actual time counter,1 means1 minute ,2 means 2 minutes，Default wait time is 2 minutes,Max wait time is 30 minutes. **Description:** AUTOCEC_D is short for CEC auto Power Delay Timing	**Example** **Command:** GET AUTOCEC_D [CR/LF] **Return:** AUTOCEC_D GET *3* [CR/LF] **Description:** Get output auto power delay time, the result is 3 minutes
16	Set Auto CEC mode	**Syntax** **Command:** SET AUTOCEC_M prm [CR/LF] **Return:** AUTOCEC_M *prm* [CR/LF] **Parameter:** ※ *prm* = {on,off}//set the auto cec mode， on/off **Description:** AUTOCEC_M is short for CEC auto mode,default value is on.	**Example** **Command:** SET AUTOCEC_M off [CR/LF] **Return:** AUTOCEC_M off [CR/LF] **Description:** Set the auto CEC mode off.
17	Get Auto CEC on/off	**Syntax** **Command:** GET AUTOCEC_M [CR/LF] **Return:** AUTOCEC_M *prm* [CR/LF] **Parameter:** ※ *prm* = {on,off}//get the auto cec mode,on/off; **Description:** AUTOCEC_M is short for CEC auto mode,default value is on.	**Example** **Command:** GET AUTOCEC_M [CR/LF] **Return:** AUTOCEC_M off [CR/LF] **Description:** The auto CEC mode is off.
18	Set UART POWER Delay Time	**Syntax** **Command:** SET AUTOUART_D *prm* [CR/LF] **Return:** AUTOUART_D SET *prm* [CR/LF] **Parameter:** ※ *prm* = {3,4,5…,}// according to the actual time counter,3 means3 minute ,4 means 4 minutes，Default wait time is 3 minutes,Max wait time is 60 minutes. **Description:** AUTOUART_D is short for UART auto Power Delay Timing	**Example** **Command:** SET AUTOUART_D *3* [CR/LF] **Return:** AUTOUART_D SET *3* [CR/LF] **Description:** when no active signal to output, 3 minutes later,the unit will auto power off.

		Syntax	Example
19	Get UART POWER Delay Time Status	**Command:** GET AUTOUART_D [CR/LF] **Return:** AUTOUART_D GET *prm* [CR/LF] **Parameter:** ※ prm = {3,4,5…,}// according to the actual time counter,3 means3 minute ,4 means 4 minutes， Default wait time is 3 minutes,Max wait time is 60 minutes. **Description:** AUTOUART_D is short for UART auto Power Delay Timing	**Command:** GET AUTOUART_D [CR/LF] **Return:** AUTOUART_D GET *3* [CR/LF] **Description:** Get output auto power delay time, the result is 3 minutes
20	Set Auto UART mode	**Command:** SET AUTOUART_M prm [CR/LF] **Return:** AUTOUART_M *prm* [CR/LF] **Parameter:** ※ *prm* = {on,off}//set the auto UART mode， on/off **Description:** AUTOUART_M is short for UART auto mode,default value is on.	**Command:** SET AUTOUART_M off [CR/LF] **Return:** AUTOUART_M off [CR/LF] **Description:** Set the auto UART mode off.
21	Get Auto UART on/off	**Command:** GET AUTOUART_M [CR/LF] **Return:** AUTOUART_M *prm* [CR/LF] **Parameter:** ※ *prm* = {on,off}//get the auto UART mode,on/off; **Description:** AUTOUART_M is short for UART auto mode,default value is on.	**Command:** GET AUTOUART_M [CR/LF] **Return:** AUTOUART_M off [CR/LF] **Description:** The auto UART mode is off.
22	Switch Input for Output	**Command:** SET SW *in* [CR/LF] **Return:** SW *in* [CR/LF] **Parameter:** ※ *in* = {hdmi1,hdmi2,usbc}; **Description:** ※ SW is short for Swtich ※ Switch one input source for the output sink	**Command:** SET SW *hdmi1* [CR/LF] **Return:** SW *hdmi1* [CR/LF] **Description:** Swtich hdmi1 for the output sink
23	get active input source channel	**Command:** GET SW[CR/LF] **Return:** in[CR/LF] **Parameter:** ※ in = {hdmi1,hdmi2,usbc}; **Description:** ※ SW is short for Swtich ※get active input source channel	**Command:** GET SW[CR/LF] **Return:** hdmi1[CR/LF] **Description:** Get the input source channel

		Syntax	Example
24	set cec power on/off	**Command:** SET CEC_PWR prm[CR/LF] **Return:** CEC_PWR prm[CR/LF] **Parameter:** ※ prm = {on, off}; **Description:** ※ Set sink power on or off	**Command:** SET CEC_PWR on[CR/LF] **Return:** CEC_PWR on[CR/LF] **Description:** Set sink power on