

Serial Command instruction							
Module	Serial function (Serial 1: data port output; Serial 2: control port for command)						
item:	help, standby, uac, uvc layout						
Description:	Testing the Command Function of Serial Port 2, All commands terminator should use "<CR>" or "\r" (hex is 0x0D) and "<LF>" or "\n" (hex is 0x0A), please adjust according to the serial port tool. Different serial port tools write differently,						
Connection:	1, PC open serial debugging tools 2, Through the serial port tool to connect the PC and the device 3, Select the correct serial port number, baud rate and other parameters 4. Connect the serial port						
num	Commands		Cmd Type	Command Sample		Response	Result description
				ASCII (Check to automatically parse symbols\r\n...)	Hex(0x**)		
1	help	help	get	#help\r\n	23 68 65 6C 70 0D 0A	show all commands	Show all commands and descriptions: help, hdmi, wifi, volume, mute, home, screen, standby, button
		help xxx		#help xxx\r\ne.g. : #help hdmi\r\n	23 68 65 6C 70 20 68 64 6D 69 0D 0A	show xxx comand detail help	Show hdmi instruction hdmi on hdmi off hdmi ?
2	standby	standby set X	set	#standby set off	23 73 74 61 6E 64 62 79 20 73 65 74 20 6F 66 66 0D 0A	#OK	Turn off automatic standby
				#standby set Xmin\r\nX=1/5/10/15/30 e.g. : #standby set 5min\r\n	23 73 74 61 6E 64 62 79 20 73 65 74 20 35 6D 69 6E 0D 0A	#OK	Into default settings and check the automatic standby time is 5 minutes
		standby wakeup		#standby wakeup\r\n	23 73 74 61 6E 64 62 79 20 77 61 6B 65 75 70 0D 0A	#OK	Wake up the standby mode of the receiver
		standby ?	get	#standby ?\r\n	23 73 74 61 6E 64 62 79 20 3F 0D 0A	#standby off wakeup #standby 5min wakeup/sleep	Check the standby setting time and status #standby 1min wakeup/sleep
3	uvc	uvc on	set	#uvc on\r\n	75 76 63 20 6f 6e 0d 0a	#ok	Open UVC output
		uvc off	set	#uvc off\r\n	75 76 63 20 6f 66 66 0d 0a	#ok	Turn off UVC output
4	layout	layout ?	set	#layout 1	6c 61 79 6f 75 74 20 31 0d 0a	#ok	Set up the layout as single screen
		layout xx pop	set	#layout 12 pop	6c 61 79 6f 75 74 20 31 32 20 70 6f 70 0d 0a	#ok	Set up the layout as dual screens, and click the USB1 USB2 camera
		layout xx pip xx	set	#layout 12 pip 1	23 6c 61 79 6f 75 74 20 31 32 20 70 69 70 20 31 0d 0a	#ok	Set up the layout as picture in picture, and click the USB1 USB2 camera
5	uac	uac speaker select x	set	#uac speaker select 1	75 61 63 20 73 70 65 61 6b 65 72 20 73 65 6c 65 63 74 20 31 0d 0a	#ok	Select the sepaker output to USB1
		uac speaker volume x xx	set	#uac speaker volume 1 90	75 61 63 20 73 70 65 61 6b 65 72 20 76 6f 6c 75 6d 65 20 31 20 39 30 0d 0a	#ok	Set up the USB1 speaker volume to 90
		uac mic select x	set	#uac mic select 1234	75 61 63 20 6d 69 63 20 73 65 6c 65 63 74 20 31 32 33 34 0d 0a	#ok	select the microphone input to USB1 USB2 HDMI IN LINE IN
		uac mic volume x x	set	#uac mic volume 1 90	75 61 63 20 6d 69 63 20 76 6f 6c 75 6d 65 20 31 20 39 30 0d 0a	#ok	Set up USB1 MIC volume to 90