

500882 serial port API commands table

Module :	Serial port function (Default: 115200,N,8,1)						
Items :	help, standby, uac, uvc layout						
Note :	All commands need to end with "<CR>" or "\r" (hex is 0x0D) and "<LF>" or "\n" (hex is 0x0A). Different serial port tools have different writing methods. Please adjust according to the serial port tool.						
Connection :	<ol style="list-style-type: none"> 1. Open the serial port debugging tool on the PC 2. Connect the PC and the device through the serial port tool 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 (need to add\r\n...)	Hex(0x**)		
1	help	help	get	help\r\n	68 65 6C 70 0D 0A	show all commands	Display all commands and their descriptions : help, standby, uvc, layout and uac
2		help xxx		help xxx\r\n e.g. : help uvc\r\n	68 65 6C 70 20 75 76 63 0D 0A	show xxx comand detail help	Display uvc command usage instructions: uvc on uvc off
3	standby	standby set X	set	standby set off	73 74 61 6E 64 62 79 20 73 65 74 20 6F 66 66 0D 0A	OK	Turn off automatic sleep
4				standby set Xmin\r\n X=1/5/10/15/30 e.g. : standby set 5min\r\n	73 74 61 6E 64 62 79 20 73 65 74 20 35 6D 69 6E 0D 0A	OK	Enter the general settings and check that the automatic sleep time is 5 minutes
5		standby wakeup		standby wakeup\r\n	73 74 61 6E 64 62 79 20 77 61 68 65 75 70 0D 0A	OK	Wake up the sleeping receiver
6		standby ?	get	standby ?\r\n	73 74 61 6E 64 62 79 20 3F 0D 0A	standby off wakeup standby 5min wakeup/sleep	Check the sleep setting time and whether the current sleep state is: #standby 1min wakeup/sleep
7	uvc	uvc on	set	uvc on\r\n	75 76 63 20 6F 6E 0D 0A	OK	Turn on UVC output
		uvc off	set	uvc off\r\n	75 76 63 20 6F 66 66 0D 0A	OK	Turn off UVC output
		layout x	set	layout 1\r\n	6C 61 79 6F 75 74 20 31 0D 0A	OK	Set the current layout to single screen
8	layout	layout xx pop	set	layout 12 pop\r\n	6C 61 79 6F 75 74 20 31 32 20 70 6F 70 0D 0A	OK	Set the current layout to split screen and select USB1 USB2 camera
		layout xx pip y	set	layout 12 pip 1\r\n	6C 61 79 6F 75 74 20 31 32 20 70 69 70 20 31 0D 0A	OK	Set the current layout to picture-in-picture and select USB1 USB2 camera
9	uac	uac speaker select x	set	uac speaker select 1\r\n	75 61 63 20 73 70 65 61 68 65 72 20 73 65 6C 65 63 74 20 31 0D 0A	OK	Select the current sepaker output as USB1
		uac speaker volume x yy	set	uac speaker volume 1 90\r\n	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	Select the volume of USB1 Speaker to 90
		uac mic select x	set	uac mic select 1234\r\n	75 61 63 20 6D 69 63 20 73 65 6C 65 63 74 20 31 32 33 34 0D 0A	OK	Select the current microphone input as USB1 USB2 HDMI IN LINE IN
		uac mic volume x yy	set	uac mic volume 1 90\r\n	75 61 63 20 6D 69 63 20 76 6F 6C 75 6D 65 20 31 20 39 30 0D 0A	OK	Select the volume of USB1 Microphone to 90