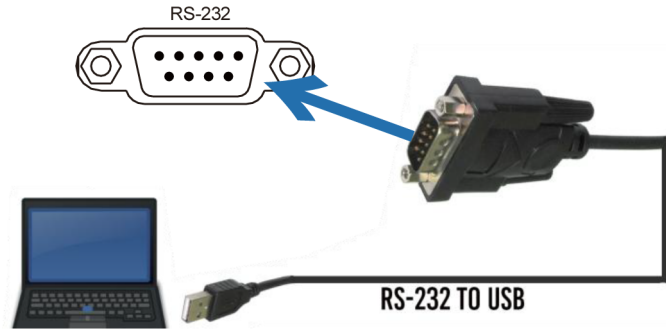


RS-232 제어 명령

본 제품은 RS-232 제어도 지원합니다. 제공된 USB-RS-232 직렬 케이블을 사용하여 Matrix의 RS-232 제어 포트를 PC에 연결하십시오. 연결 방법은 다음과 같습니다.



다음으로, PC에서 시리얼 명령 실행 도구를 열어 ASCII 명령을 전송하여 매트릭스를 제어합니다. 제품에 대한 ASCII 명령 목록은 아래와 같습니다.

ASCII Command				
Serial port protocol. Baud rate: 115200 (Default), Data bits: 8, Stop bits:1, Check bit: 0				
x, y, z, XXX are parameters				
Error Code describe: E00 -> unknown command E01 -> parameter out of range E02 -> get the error edid data				
Command Code	Function Description	Example	Feedback	Default Setting
System Setting				
help!	List all commands	help!		
r status!	Get device current status	r status!	get the unit all status: power, beep, lock, in/out connection, video/audio crosspoint, edid, scaler, network status	
r type!	Get device model	r type!	HDP-MXB88VW	
r fw version!	Get firmware version	r fw version!	mcu fw version :1.00.05 web gui version :2.00.07 cpld version :1.00.03 audio version :1.00.01 key version :0.00.00	
s power z!	Power on/off the device, z=0~1 (z=0 power off, z=1 power on)	s power 1!	power on system initializing... cpld fw: 1.00.03 audio fw: 1.00.01 mcu fw version :1.00.05 web gui version :2.00.07 key version :0.00.00 initialization finished! search for ip,please wait ...!	
r power!	Get current power state	r power!	power on /power off	
s beep z!	Enable/disable buzzer function, z=0~1 (z=0 beep off, z=1 beep on)	s beep 1!	beep on beep off	beep off

Command Code	Function Description	Example	Feedback	Default Setting
System Setting				
r beep!	Get buzzer state	r beep!	beep on / beep off	
s lock z!	Lock/unlock front panel button, z=0~1 (z=0 lock off, z=1 lock on)	s lock 1!	panel button lock on panel button lock off	panel button lock off
r lock!	Get panel button lock state	r lock!	panel button lock on/off	
s lcd on time z!	Set lcd screen remain on time, z=0~4 (0:off 1:always, 2:15s, 3:30s, 4:60s)	s lcd on time 3!	lcd on 30 seconds	lcd on 30 seconds
r lcd mode!	Get the backlight status of lcd screen	r lcd mode!	lcd always on	
s logo1 *****!	Set the logo name displayed on the first line of lcd screen, the max character is 16	s logo1 Matrix Switch!	logo1:Matrix Switch	
s reboot!	Reboot the device	s reboot!	reboot... system initializing... cpld fw: 1.00.03 audio fw: 1.00.01 mcu fw version: 1.00.05 web gui version: 2.00.07 key version: 0.00.00 initialization finished! search for ip,please wait ...!	
s baud rate x!	Set RS232 baudrate x=1~6 (1:115200, 2:57600, 3:38400, 4:19200, 5:9600, 6:4800)	s baud rate 1!	s baud rate 115200	115200
s fan x y!	Set fans on/off (x=0~2, y=0~1) x=0, all fans x=1, side fans x=2, top fans y=0, off y=1, on	s fan 2 0!	set top fans off	side fans:off top fans:on
s reset!	Reset to factory defaults	s reset!	reset to factory defaults system initializing... cpld fw: 1.00.03 audio fw: 1.00.01 mcu fw version: 1.00.05 web gui version: 2.00.07 key version: 0.00.00 initialization finished! search for ip, please wait ...!	
r device sn!	get device serial number	r device sn!	serial number:12345634534	

Command Code	Function Description	Example	Feedback	Default Setting
Output Setting				
s output x res y!	Set output x resolution (x=0~8 (0=all output), y=1~24) 1. 4096x2160p60, 2. 4096x2160p50, 3. 4096x2160p30, 4. 4096x2160p25, 5. 4096x2160p24, 6. 3840x2160p60, 7. 3840x2160p50,8. 3840x2160p30, 9. 3840x2160p25, 10. 3840x2160p24, 11. 1920x1080p60, 12.1920x1080p50, 13. 1920x1080p30, 14.1920x1080p25, 15. 1920x1080p24, 16. 1920x1080i60, 17.1920x1080i50, 18. 1920x1200p60rb, 19.1360x768p60, 20.1280x800p60, 21.1280x720p60, 22.1280x720p50, 23.1024x768p60, 24. auto	s output 1 res 6!	output 1 resolution: 3840x2160p60	3840x2160p60
r output x res!	Get output x resolution (y=0~8 (0=all output))	r output 1 res!	output 1 resolution: 3840x2160p60	
s output x csc y!	Set output x color space (x=0~8 (0=all output), y=1~4) y=1. rgb444 y=2. ycbr444 y=3. ycbr422 y=4. ycbr420	s output 1 csc 1!	output 1 csc: rgb444	rgb444
r output x csc!	Get output x color space status. (x=0~8 (0=all output))	r output 1 csc!	output 1 csc: rgb444	
s output x hdcp y!	Set output hdcp (x=0~8 (0=all output), y=1~5) y=1. hdcp 1.4 y=2. hdcp 2.2 y=3. follow sink y=4. follow source y=5. user mode	s output 1 hdcp 1!	output 1 hdcp: hdcp 1.4	follow sink
r output x hdcp!	Get output x hdcp status. (x=0~8 (0=all output))	r output 1 hdcp!	output 1 hdcp: hdcp 1.4	
s output x mirror y!	Set output y mirror mode (x=0~8(0=all output),y=0~3) y=0. mirror off y=1. h mirror on y=2. v mirror on y=3. h+v mirror on	s output 1 mirror 0!	output 1 mirror off	output 1 mirror off output 2 mirror off output 3 mirror off output 4 mirror off output 5 mirror off output 6 mirror off output 7 mirror off output 8 mirror off
r output x mirror!	Get output x mirror status (x=0~8 (0=all output))	r output 1 mirror!	output 1 h mirror off	
s output x stream y!	Set output x stream enable/disable (x=0~8 (0=all output), y=0~1) y=0. stream disable y=1. stream enable	s output 1 stream 1!	output 1 stream: enable	enable

Command Code	Function Description	Example	Feedback	Default Setting
Output Setting				
r output x stream!	Get output x stream status. (x=0~8 (0=all output))	r output 1 stream!	output 1 stream: enable	
s output bg x!	Set output no signal background display mode (x=1~6) x=1. black screen x=2. blue screen x=3. color bar x=4. gray scale x=5. cross x=6. cross hatch	s output bg 1!	output background: black screen	black screen
r output bg!	Get output no signal background display mode	r output bg!	output background: black screen	
EDID Setting				
s input x edid z!	Set hdmi input x edid mode (x=0~8 (0=all input), z=1~22) z=1. 4k60, 2.0ch z=15. copy out1 z=2. 4k60, 5.1ch z=16. copy out2 z=3. 4k60, 7.1ch z=17. copy out3 z=4. 4k30, 2.0ch z=18. copy out4 z=5. 4k30, 5.1ch z=19. copy out5 z=6. 4k30, 7.1ch z=20. copy out6 z=7. 1080p, 2.0ch z=21. copy out7 z=8. 1080p, 5.1ch z=22. copy out8 z=9. 1080p, 7.1ch z=10. wuxga, 2.0ch z=11. 768p, 2.0ch z=12. xga, 2.0ch z=13. user1 z=14. user2	s input 1 edid 1!	input 1 edid: 4k60, 2.0ch	4k60, 2.0ch
r input x edid!	Get input x edid mode (x=0~8 (0=all input))	r input 1 edid!	input 1 edid: 4k60, 2.0ch	
Video Matrix Setting				
s display mode x!	Set output display mode (x=0~1) x=0 matrix mode x=1 video wall mode	s display mode 0!	display mode: matrix	matrix
r display mode!	Get output display mode	r display mode!	display mode: matrix	
s output x in source y!	Route input source to output x (x=0~8, y=1~8) x=0. output all x=1. output 1 x=2. output 2 x=3. output 3 x=4. output 4 x=5. output 5 x=6. output 6 x=7. output 7 x=8. output 8 y=1. input1 y=2. input2 y=3. input3 y=4. input4 y=5. input5 y=6. input6 y=7. input7 y=8. input8	s output 1 in source 1!	output 1->input 1	output 1->input 1 output 2->input 2 output 3->input 3 output 4->input 4 output 5->input 5 output 6->input 6 output 7->input 7 output 8->input 8
r output x in source!	Get output x selected input source (x=0~8 (0=all output))	r output 1 in source!	output 1->input 1	

Command Code	Function Description	Example	Feedback	Default Setting
Video Matrix Setting				
save mx preset z!	Save matrix state to preset z, z=1~8	save mx preset 1!	save to preset 1	
recall mx preset z!	Recall matrix preset z scenarios, z=1~8	recall mx preset 1!	recall from preset 1	
clear mx preset z!	Clear matrix preset z scenarios, z=1~8	clear mx preset 1!	clear preset 1	
r mx preset z!	Get matrix preset z information, z=1~8	r mx preset 1!	video/audio crosspoint	
Video Wall Setting				
create vw screen row x col y!	Create video wall screen rows and columns layouts (x=1~8, y=1~8)	create vw screen row 2 col 4!	create vw screen 2x4	
s screen x output y!	Set hdmi output y to screen x (x=1~8, y=1~8)	s screen 1 output 1!	hdmi output1->screen 1	hdmi output 1->screen 1 hdmi output 2->screen 2 hdmi output 3->screen 3 hdmi output 4->screen 4 hdmi output 5->screen 5 hdmi output 6->screen 6 hdmi output 7->screen 7 hdmi output 8->screen 8
s vw group z row x col y!	Set video wall group z rows and columns (z<=1~4, x=1~8, y=1~8, x*y<=8)	s vw group 1 row 1 col 2!	vw group 1 row 1 col 2!	
s vw group z screen abcd!	Set video wall group z screen number (z<=1~4)	s vw group 2 screen 2367!	vw group 2 screen 2367!	
s vw group z source x!	Set video wall group z select input source (z<=1~4, x<=1~8)	s vw group 1 source 1!	vw group 1 source 1!	
s vw group z hbezel x!	set video wall group z horizontal bezel (z<=1~4, x=0~10)	s vw group 1 hbezel 0!	video wall group 1 h bezel: 0	video wall group 1 h bezel: 0
s vw group z vbezel y!	set video wall group z vertical bezel (z<=1~4, x=0~10)	s vw group 1 vbezel 0!	video wall group 1 v bezel: 0	video wall group 1 v bezel: 0
s vw group z out res x!	Set video wall group z output resolution (z=1~4, x=1~23) 1. 4096x2160p60, 2. 4096x2160p50, 3. 4096x2160p30, 4. 4096x2160p25, 5. 4096x2160p24, 6. 3840x2160p60, 7. 3840x2160p50, 8. 3840x2160p30, 9. 3840x2160p25, 10. 3840x2160p24, 11. 1920x1080p60, 12.1920x1080p50, 13. 1920x1080p30, 14. 1920x1080p25, 15. 1920x1080p24, 16. 1920x1080i60, 17.1920x1080i50, 18.1920x1200p60rb, 19.1360x768p60, 20.1280x800p60, 21.1280x720p60, 22.1280x720p50, 23.1024x768p60	s vw group 1 out res 6!	video wall group 1 resolution: 1920x1080p60	1920x1080p60
delete vw group z!	Delete video wall group z config (z=1~4)	delete vw group 1!	delete vw group 1!	

Command Code	Function Description	Example	Feedback	Default Setting
Video Wall Setting				
r vw info!	Get current video wall scene information	r vw info!	<pre> ===== ===== ===== video wall info: row :2 col :4 output: 1 2 3 4 5 6 7 8 input: 4 4 4 4 4 4 4 4 mosaic number:1 mosaic id:1 mosaic row:2 mosaic col:2 mosaic src:4 mosaic res:3840x2160p60 mosaic screen:1 2 5 6 B85 </pre>	
save vw preset z!	Save video wall state to preset z, z=1~8	save vw preset 1!	save to preset 1	
recall vw preset z!	Recall video wall preset z scenarios, z=1~8	recall vw preset 1!	recall from preset 1	
clear vw preset z!	Clear video wall preset z scenarios, z=1~8	clear vw preset 1!	clear preset 1	
r vw preset z!	Get video wall preset z information, z=1~8	r vw preset 1!	video/audio crosspoint	
Multi-view Setting				
s mv x mode y!	Set multi-viewer display mode (x=1~2, y=1~12) x=1,multiview group 1 x=2,multiview group 2 y=1. single y=2. pip y=3. dual y=4. triple1 y=5. triple2 y=6. triple3 y=7. quad1 y=8. quad2 y=9. quad3 y=10. user1 y=11. user2 y=12. user3	s mv 1 mode 1!	multiview 1 mode:single	single
r mv x mode!	Get multi-viewer display mode (x=0~2) x=0, all x=1, multiview group 1 x=2, multiview group 2	r mv 1 mode!	multiview 1 mode:single	
s mv x window y in z!	Select one input for one window for the current multiview mode. (x=1~2, y=1~4, z=1~9) x=1, multiview group 1 x=2, multiview group 2 y=1. window 1 y=2. window 2 y=3. window 3 y=4. window 4 z=1. input1 z=2. input2 z=3. input 3 z=4. input4 z=5. input 5 z=6. input6 z=7. input7 z=8. input8 z=9. pattern	s mv 1 window 1 in 1!	multiview 1 window 1 select input1	

Command Code	Function Description	Example	Feedback	Default Setting
Multi-view Setting				
r mv x window y in!	Get windows y selected input source (x=1~2, y=0~4) x=1. multiview group 1 x=2. multiview group 2 y=0. window all y=1. window 1 y=2. window 2 y=3. window 3 y=4. window 4	r mv 1 window 1 in!	multiview 1 window 1 select input 1	
s mv x pip position y!	Set pip window position (x=1~2, y=1~4) x=1, multiview group 1 x=2, multiview group 2 y=1, upper left y=2, lower left y=3, upper right y=4, lower right	s mv 1 pip position 3!	multiview 1 pip on upper right	pip on upper right
r mv x pip position!	Get multi-viewer pip window position (x=1~2) x=1, multiview group 1 x=2, multiview group 2	r mv 1 pip position!	multiview 1 pip on upper right	
s mv x pip size y!	Set pip window size (x=1~2, y=1~3) x=1, multiview group 1 x=2, multiview group 2 y=1, small y=2, middle y=3, large	s mv 1 pip size 3!	multiview 1 pip size:large	pip size: large
r mv x pip size!	Get pip window size (x=1~2) x=1, multiview group 1 x=2, multiview group 2	r mv 1 pip size!	multiview 1 pip size:large	
s mv x aspect y!	Set windows display aspect ratio (x=1~2, y=1~2) x=1, multiview group 1 x=2, multiview group 2 y=1, full screen y=2, 16:9	s mv 1 aspect 1!	multiview 1 aspect:full screen	aspect: full screen
r mv x aspect!	Get windows display aspect ratio (x=1~2) x=1, multiview group 1 x=2, multiview group 2	r mv 1 aspect!	multiview 1 aspect:full screen	
s mv x output audio y!	Set multi-viewer output audio source (x=1~2, y=1~5) x=1, multiview group 1 x=2, multiview group 2 y=1, window1 audio y=2, window2 audio y=3, window3 audio y=4, window4 audio y=5, mute	s mv 1 output audio 1!	multiview 1 output audio:select window1 audio	output audio: select window1 audio
r mv x output audio!	Get multi-viewer output audio source (x=1~2) x=1, multiview group 1 x=2, multiview group 2	r mv 1 output audio!	multiview 1 output audio:follow window 1 selected source	

Command Code	Function Description	Example	Feedback	Default Setting
Multi-view Setting				
s mv x res y!	Set multi-viewer resolution (x=1~2, y=1~23) x=1, multiview group 1 x=2, multiview group 2 y=1, 4096x2160p60, y=2, 4096x2160p50, y=3, 4096x2160p30, y=4, 4096x2160p25, y=5, 4096x2160p24, y=6, 3840x2160p60, y=7, 3840x2160p50, y=8, 3840x2160p30, y=9, 3840x2160p25, y=10, 3840x2160p24, y=11, 1920x1080p60, y=12, 1920x1080p50, y=13, 1920x1080p30, y=14, 1920x1080p25, y=15, 1920x1080p24, y=16, 1920x1080i60, y=17, 1920x1080i50, y=18, 1920x1200p60rb, y=19, 1360x768p60, y=20, 1280x800p60, y=21, 1280x720p60, y=22, 1280x720p50, y=23, 1024x768p60,	s mv 1 res 6!	multiview 1 resolution:3840x2160p60	3840x2160p60
r mv x res!	Get multi-viewer resolution (x=1~2) x=1, multiview group 1 x=2, multiview group 2	r mv 1 res!	multiview resolution:3840x2160p60	3840x2160p60
s mv x output y source z!	Set multi-viewer the source of other output (x=1~2, y=2/3/4/6/7/8, z=0~8) x=1, multiview group 1 x=2, multiview group 2 y=2, output2 y=3, output3 y=4, output4 y=6, output6 y=7, output7 y=8, output8 z=0, copy z=1. input1 z=2. input2 z=3. input 3 z=4. input4 z=5. input 5 z=6. input6 z=7. input7 z=8. input8	s mv 2 output 6 source 0!	multiview 2 output 6 source:copy multiview	copy
r mv x output y source!	Get multi-viewer the source of other output (x=1~2, y=2/3/4/6/7/8) x=1, multiview group 1 x=2, multiview group 2 y=2, output2 y=3, output3 y=4, output4 y=6, output6 y=7, output7 y=8, output8	r mv 2 output 6 source!	multiview 2 output 6 source:copy multiview	
save mv preset z!	Save multiview state to preset z, z=1~8	save mv preset 1!	save to preset 1	

Command Code	Function Description	Example	Feedback	Default Setting
Multi-view Setting				
recall mv preset z!	Recall multiview preset z scenarios, z=1~8	recall mv preset 1!	recall from preset 1	
clear mv preset z!	Clear multiview preset z scenarios, z=1~8	clear mv preset 1!	clear preset 1	
r mv preset z!	Get multiview preset z information, z=1~8	r mv preset 1!	group1: mv mode:dual window src:1 2 resolution:3840x2160p60 audio src:1 out234 src:0 0 0 group2: mv mode:dual window src:5 6 resolution:3840x2160p60 audio src:1 out678 src:0 0 0	
EXT- Audio Setting				
s output x exa y!	set output x ext-audio enable/disable (x=0~8 (0=all output), y=0~1) y=0. ext-audio disable y=1. ext-audio enable	s output 1 exa 1!	output 1 ext-audio: enable	enable
r output x exa!	get output x ext-audio enable/disable status. (x=0~8 (0=all output))	r output 1 exa!	output 1 ext-audio: enable	
s output exa mode x!	Set output ext-audio mode(x=0~2) x=0. bind to input mode x=1. bind to output mode x=2. matrix mode	s output exa mode 0!	output ext-audio mode: bind to input	bind to output
r output exa mode!	Get output ext-audio mode	r output exa mode!	output ext-audio mode: bind to input	
s output x exa in source y!	Route input source audio y to output ext-audio x (x=0~8(0=all output), y=0~8) y=1. input1 y=2. input2 y=3. input3 y=4. input4 y=5. input5 y=6. input6 y=7. input7 y=8. input8	s output 1 exa in source 1!	output 1 ext-audio ->input 1	output 1 ext-audio->input 1 output 2 ext-audio->input 2 output 3 ext-audio->input 3 output 4 ext-audio->input 4 output 5 ext-audio->input 5 output 6 ext-audio->input 6 output 7 ext-audio->input 7 output 8 ext-audio->input 8
r output y exa in source!	Get output y ext-audio selected input source (y=0~8 (0=all output))	r output 0 exa in source!	output 1 ext-audio->input 1 output 2 ext-audio->input 2 output 3 ext-audio->input 3 output 4 ext-audio->input 4 output 5 ext-audio->input 5 output 6 ext-audio->input 6 output 7 ext-audio->input 7 output 8 ext-audio->input 8	

Command Code	Function Description	Example	Feedback	Default Setting
CEC Setting				
s cec in x on!	Set input x power on by cec, x=0~8 (0=all input)	s cec in 1 on!	input 1 power on	
s cec in x off!	Set input x power off by cec, x=0~8 (0=all input)	s cec in 1 off!	input 1 power off	
s cec in x menu!	Set input x open menu by cec, x=0~8 (0=all input)	s cec in 1 menu!	input 1 open menu	
s cec in x back!	Set input x back operation by cec, x=0~8 (0=all input)	s cec in 1 back!	input 1 back operation	
s cec in x up!	Set input x menu up operation by cec, x=0~8 (0=all input)	s cec in 1 up!	input 1 menu up operation	
s cec in x down!	Set input x menu down operation by cec, x=0~8 (0=all input)	s cec in 1 down!	input 1 menu down operation	
s cec in x left!	Set input x menu left operation by cec, x=0~8 (0=all input)	s cec in 1 left!	input 1 menu left operation	
s cec in x right!	Set input x menu right operation by cec, x=0~8 (0=all input)	s cec in 1 right!	input 1 menu right operation	
s cec in x enter!	Set input x menu enter by cec, x=0~8 (0=all input)	s cec in 1 enter!	input 1 menu enter operation	
s cec in x play!	Set input x play by cec, x=0~8 (0=all input)	s cec in 1 play!	input 1 play operation	
s cec in x pause!	Set input x pause by cec, x=0~8 (0=all input)	s cec in 1 pause!	input 1 pause operation	
s cec in x stop!	Set input x stop by cec, x=0~8 (0=all input)	s cec in 1 stop!	input 1 stop operation	
s cec in x rew!	Set input x rewind by cec, x=0~8 (0=all input)	s cec in 1 rew!	input 1 rewind operation	
s cec in x mute!	Set input x volume mute by cec, x=0~8 (0=all input)	s cec in 1 mute!	input 1 volume mute	
s cec in x vol-!	Set input x volume down by cec, x=0~8 (0=all input)	s cec in 1 vol-!	input 1 volume down	
s cec in x vol+!	Set input x volume up by cec, x=0~8 (0=all input)	s cec in 1 vol+!	input 1 volume up	
s cec in x ff!	Set input x fast forward by cec, x=0~8 (0=all input)	s cec in 1 ff!	input 1 fast forward operation	
s cec in x previous!	Set input x previous by cec, x=0~8 (0=all input)	s cec in 1 previous!	input 1 previous operation	
s cec in x next!	Set input x next by cec, x=0~8 (0=all input)	s cec in 1 next!	input 1 next operation	
s cec hdmi out y on!	Set hdmi output y power on by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 on!	hdmi output 1 power on	
s cec hdmi out y off!	Set hdmi output y power off by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 off!	hdmi output 1 power off	
s cec hdmi out y mute!	Set hdmi output y volume mute by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 mute!	hdmi output 1 volume mute	
s cec hdmi out y vol-!	Set hdmi output y volume down by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 vol-!	hdmi output 1 volume down	
s cec hdmi out y vol+!	Set hdmi output y volume up by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 vol+!	hdmi output 1 volume up	
s cec hdmi out y active!	Set hdmi output y active source by cec, y=0~8 (0=all hdmi output)	s cec hdmi out 1 active!	hdmi output 1 active source	

Command Code	Function Description	Example	Feedback	Default Setting
Network Setting				
r ipconfig!	Get the current ip configuration	r ipconfig!	ip mode: static ip: 192.168.0.100 subnet mask: 255.255.255.0 gateway: 192.168.0.1 tcp/ip port=8000 telnet port=23 mac address: 00:1c:91:03:80:01	
r mac addr!	Get network mac address	r mac addr!	mac address: 00:1c:91:03:80:01	
s ip mode z!	Set network ip mode to static ip or dhcp, z=0~1 (z=0 static, z=1 dhcp)	s ip mode 0!	set ip mode:static. (please use "s net reboot!" command or repower device to apply new config!)	
r ip mode!	Get network ip mode	r ip mode!	ip mode: static	
s ip addr xxx.xxx.xxx.xxx!	set network ip address	s ip addr 192.168.0.100!	set ip address:192.168.0.100 (please use "s net reboot!" command or repower device to apply new config!) dhcp on, device can't config static address, set dhcp off first.	
r ip addr!	Get network ip address	r ip addr!	ip address:192.168.0.100	
s subnet xxx.xxx.xxx.xxx!	Set network subnet mask	s subnet 255.255.255.0!	set subnet mask:255.255.255.0 (please use "s net reboot!" command or repower device to apply new config!) dhcp on, device can't config subnet mask, set dhcp off first.	
r subnet!	Get network subnet mask	r subnet!	subnet mask:255.255.255.0	
s gateway xxx.xxx.xxx.xxx!	Set network gateway	s gateway 192.168.0.1!	set gateway:192.168.0.1 (please use "s net reboot!" command or repower device to apply new config!) dhcp on, device can't config gateway, set dhcp off first.	
r gateway!	Get network gateway	r gateway!	gateway:192.168.0.1	
s tcp/ip port x!	Set network tcp/ip port (x=1~65535)	s tcp/ip port 8000!	set tcp/ip port:8000	
r tcp/ip port!	Get network tcp/ip port	r tcp/ip port!	tcp/ip port:8000	
s telnet port x!	Set network telnet port (x=1~65535)	s telnet port 23!	set telnet port:23	
r telnet port!	Get network telnet port	r telnet port!	telnet port:23	
s net reboot!	Reboot network modules	s net reboot!	network reboot... ip mode: static ip: 192.168.0.100 subnet mask: 255.255.255.0 gateway: 192.168.0.1 tcp/ip port=8000 telnet port=23 mac address: 00:1c:91:03:80:01	