



OmniFrame88/1616/3636 Command List History

Version	Description	Released Date	Modified by
1.0	First Release	2026-03-10	Hovey Tam

OmniFrame88/1616/3636 Command List (1/2)

ASCII Command
Serial port protocol. Baud rate: 115200, Data bits: 8, Stop bits:1, Check bit: 0
TCP/IP protocol port: 8000; Telnet port:23
Error Code describe: E00 -> Unknown command; E01 -> Parameter out of range; E02 -> Get the non-supported EDID of the input card
OmniFrame88: MAX=8; OmniFrame1616: MAX=16; OmniFrame3636: MAX=36

Power

No.	Command	Description	Parameters
1.1	r power!	Get current power state	power=[0:power off; 1:power on (Default)]
1.2	s power [power]!	Power on/off the device	
1.3	s reboot!	Reboot the device	

System Setting

No.	Command	Description	Parameters
2.1	help!	List all commands	input=[0:all; 1- MAX]; Value of MAX depends on model.
2.2	r status!	Get device current status	output=[0:all; 1- MAX]; Value of MAX depends on model.
2.3	r fw version!	Get firmware version	name=Max 16 characters
2.4	s reset!	Reset to factory defaults	beep=[0:beep off; 1:beep on (Default)]
2.5	r inport [input] info!	Get the information of the input port	lock=[0:unlock (Default); 1:lock]
2.6	s input [input] name [name]!	Set name of the input port	lcdtime=[0:off; 1:always; 2:30s; 3:60s (Default); 4:5min]
2.7	r outport [output] info!	Get the information of the output port	preset=[1-64]
2.8	s output [output] name [name]!	Set name of the output port	baud=[1:115200 (Default);2:57600; 3:38400; 4:19200; 5:9600; 6:4800]
2.9	r beep!	Get buzzer state	
2.10	s beep [beep]!	Enable/disable buzzer function	
2.11	r lock!	Get panel button lock state	
2.12	s lock [lock]!	Lock/unlock front panel button	
2.13	r lcd mode!	Get the backlight status of lcd screen	
2.14	s lcd on time [lcdtime]!	Set lcd screen remain on time	
2.15	s save preset [preset]!	Save switch state between all output ports and the input port to the preset	
2.16	r preset [present]!	Get preset information	
2.17	s recall preset [presset]!	Call the saved preset	
2.18	s clear preset [present]!	Clear the stored preset	
2.19	r baud rate!	Get the baud rate of the external serial port	
2.20	s baud rate [baud]!	Set the baud rate of the external serial port	
2.21	s ir [ir]!	Set IR status	
2.22	r activation!	Get the authorization status of the system	

Input & Output Setting

[illegible]

OmniFrame88/1616/3636 Command List (2/2)

EDID Setting

No.	Command	Description	Parameters
4.1	r edid in [input]!	Get input edid mode	input=[0:all; 1- MAX]; Value of MAX depends on model. edid=[1:1080p,Stereo Audio 2.0; 2:1080p,Dolby/DTS 5.1; 3:1080p,HD Audio 7.1; 4:1080i,Stereo Audio 2.0; 5:1080i,Dolby/DTS 5.1; 6:1080i,HD Audio 7.1; 7:4K2K30_444,Stereo Audio 2.0; 8:4K2K30_444,Dolby/DTS 5.1; 9:4K2K30_444,HD Audio 7.1; 10:4K2K60_420,Stereo Audio 2.0; 11:4K2K60_420,Dolby/DTS 5.1; 12:4K2K60_420,HD Audio 7.1; 13:4K2K60_444,Stereo Audio 2.0; 14:4K2K60_444,Dolby/DTS 5.1; 15:4K2K60_444,HD Audio 7.1; 16:4K2K60_444,Stereo Audio 2.0HDR; 17:4K2K60_444,Dolby/DTS 5.1HDR; 18:4K2K60_444,HD Audio 7.1HDR; 19:USER1; 20:USER2; 21:copy from HDMI output 1; 22:copy from hdmi output 2; 23:copy from hdmi output 3; 24:copy from hdmi output 4; 25:copy from hdmi output 5; 26:copy from hdmi output 6; 27:copy from hdmi output 7; 28:copy from hdmi output 8; 29:copy from hdmi output 9; 30:copy from hdmi output 10; 31:copy from hdmi output 11; 32:copy from hdmi output 12; 33:copy from hdmi output 13; 34:copy from hdmi output 14; 35:copy from hdmi output 15; 36:copy from hdmi output 16] uedid=[1:User defined 1; 2:User defined 2] data=EDID Data[In HEX format] output=[0:all; 1- MAX]; Value of MAX depends on model.
4.2	s edid in [input] from [edid]!	Set the input EDID from default EDID list	
4.3	r edid user[uedid]!	Get user defined EDID	
4.4	s edid user[uedid] [data]!	Set user defined EDID	
4.5	r edid data hdmi [output]!	Get the EDID data of device which connected to the HDMI output port	

Video Wall Setting

No.	Command	Description	Parameters
6.1	r vw info!	Get video wall information	wr=[1- MAX]; Value of MAX depends on model. wc=[1- MAX]; Value of MAX depends on model. Note: wr*wc ≤ MAX wname=Max 32 characters scr=[1-(wr*wc)]; Default number is from left-to-right and upper-to-lower input=[1- MAX]; Value of MAX depends on model. output=[1- MAX]; Value of MAX depends on model.
6.2	create vw row [wr] col [wc] name [wname]!	Create video wall	
6.3	s screen [scr] source [input]!	Set the input source of the screen	
6.4	s screen [scr] output [output]!	Set the output of the screen	

Mosaic Setting

No.	Command	Description	Parameters
7.1	s mosaic [mid] col [mc] row [mr]!	Create mosaic	mid=[1-8] mc=[1-wc] mr=[1-wr] win=[1-(wc*wr)] scr=[1-(wr*wc)]; Default number is from left-to-right and upper-to-lower sync=[0:off(Default); 1:sync]
7.2	s mosaic [mid] window [win] screen [scr]!	Match the mosaic window with screen	
7.3	s sync mode [sync]!	Set mosaic sync mode	
7.4	delete mosaic [mid]!	Delete mosaic	

Network Setting

No.	Command	Description	Parameters
11.1	r ipconfig!	Get the current IP configuration	ipmode=[0:static; 1:DHCP(Default)] ip=[xxx.xxx.xxx.xxx] mask=[xxx.xxx.xxx.xxx] gw=[xxx.xxx.xxx.xxx] tcpip=[1-65535; Default=8000] telnet=[1-65535; Default=23]
11.2	r mac addr!	Get network MAC address	
11.3	r ip mode!	Get network IP mode	
11.4	s ip mode [ipmode]!	Set network IP mode	
11.5	r ip addr!	Get network IP address	
11.6	s ip addr [ip]!	Set network IP address	
11.7	r subnet!	Get network subnet mask	
11.8	s subnet [mask]!	Set network subnet mask	
11.9	r gateway!	Get network gateway	
11.10	s gateway [gw]!	Set network gateway	
11.11	r tcp/ip port!	Get network TCP/IP port	
11.12	s tcp/ip port [tcpip]!	Set network TCP/IP port	
11.13	r telnet port!	Get network telnet port	
11.14	s telnet port [telnet]!	Set network telnet port	
11.15	s net reboot!	Reboot network modules	