



# VERSA-4K Telnet Commands

## V1.1

### FW Version:

VERSA -4K-R	Thu, 06 Jun 2019 01:36:56 +0800 1295825672 204988 u-boot_c.bin 119412822 3155200 uulmage 334902038 14776320 initrd2m A7.2.0 Build 3213
VERSA-4K-S	Sat, 13 Apr 2019 09:03:26 +0800 3336315167 190012 u-boot_h.bin 685382629 2558000 uulmage 530221400 11857920 initrd2m A7.2.0 Build 3213

### Server Information

TCP Port	9999
Connection Type	Raw Socket
Max Concurrent Connections	4

### Server Messages

<b>VERSA-4K Telnet</b> <b>Server</b> <CR><LF>	Greeting Message
><SPACE>	Prompt
<b>Invalid Command!</b> <CR><LF>	Unknown/ Invalid command
<b>Invalid Parameters!</b> <CR><LF>	Arguments for the command are invalid
<b>OK</b> <CR><LF>	Command execution Successful
<b>ERROR</b> <CR><LF>	Command execution Unsuccessful
<b>USAGE Help :</b> <CR><LF>	Usage of the command on invalid parameters

## Commands

Type	Command	Response	Description
	<b>Note:</b> All the commands must be terminated with <CR><LF>		
TX/RX	get_device_type	[TYPE]  <b>Where:</b> [TYPE] = TX   RX	Get device Type
TX/RX	set_device_id [DEVICE_ID]  <b>Where:</b> [DEVICE_ID]= 16 Character ASCII String	OK	Set device Name
TX/RX	get_device_id	[DEVICE_ID]  <b>Where:</b> [DEVICE_ID]= 16 Character ASCII String	Get device Name
TX/RX	get_group_id	0 -9999	Get Multicast Group ID
TX/RX	set_group_id [GROUP_ID]  <b>Where:</b> [GROUP_ID] = Integer in range 0 - 9999	OK	Set Multicast Group ID by Disabling Independent Routing
TX/RX	set_ip_mode [MODE]  <b>Where:</b> [MODE] = autoip   static   dhcp	OK	Set IP Mode (Reboot Required)
TX/RX	get_ip_mode [MODE]	[MODE]  <b>Where:</b> [MODE] = autoip   static   dhcp	Get IP Mode
TX/RX	set_device_ip [IPV4 Address]	OK	Set Device IP Address (Reboot Required)
TX/RX	get_device_ip	[IPV4 Address]	Get Device IP Address
TX/RX	set_device_sbn [IPV4 Address]	OK	Set Device Subnet Mask (Reboot Required)
TX/RX	get_device_sbn [IPV4 Address]	[IPV4 Address]	Get Device Subnet Mask

## Commands

TX/RX	set_device_gw[ <i>IPV4 Address</i> ]	OK	Set Device Gateway (Reboot Required)
TX/RX	get_device_gw [ <i>IPV4 Address</i> ]	[ <i>IPV4 Address</i> ]	Get Device Gateway
TX/RX	get_device_mac	[ <i>MAC Address</i> ]	Get Device MAC Address
TX/RX	set_jumbo_frame [ <i>MODE</i> ]  <b>Where:</b> [ <i>MODE</i> ] = 1500   8000	OK	Enable or Disable Jumbo Frame (Reboot Required)
TX/RX	get_jumbo_frame	[ <i>MODE</i> ]  <b>Where:</b> [ <i>MODE</i> ] = 1500   8000	Get Jumbo Frame status
TX/RX	close		Close the telnet session
TX/RX	reboot		Reboot System
TX/RX	factory_default		Factory Default
TX/RX	help	[ <i>Help Information Table</i> ]	Print all the available commands
RX	set_video_wall [X,Y](x,y)  <b>Where:</b> X = Horizontal Monitor Count (Max = 16) Y = Vertical Monitor Count (Max = 16) x = Horizontal Position (Max = 15) y = Vertical Position (Max = 15)	OK	Set Video Wall of Size [X,Y] and position (x,y)  <b>Note:</b> set_video_wall [1,1](0,0) to disable the Video Wall
RX	get_video_wall	[X,Y](x,y)  <b>Where:</b> X = Horizontal Monitor Count (Max = 16) Y = Vertical Monitor Count (Max = 16) x = Horizontal Position (Max = 15) y = Vertical Position (Max = 15)	Get the Video Wall size