



OIP-D50C Telnet_RS-232 command set

No	Issue Date	Description	Apply Firmware
1	2021/07/26	First Version.	v0.36L
2	2022/06/02	Correct the commands.	V0.39L
3	2022/10/25	Correct the commands.	V0.45L
4	2023/01/03	Correct the commands.	V0.49L

***Notice:**

1. The Telnet_RS-232 command list is for OIP-D50C
2. The yellow highlight  means the latest update.
3. The blue highlight  means the deleted item.

Before attempting to use Telnet control, please ensure that both the unit and the PC are connected to the same active networks.

To Access the Command Line Interface (CLI)	
Windows 10	
Windows 7	Click Start , type “cmd” in the search field, and press Enter.
Windows XP	Click Start > Run , type “cmd”, and press Enter .
Mac OS X	Click Go > Applications > Utilities > Terminal .

Once in the Command Line Interface (CLI) type “telnet” followed by the IP address of the unit (and the port number if it is non-standard) and then hit “Enter”. This will connect us to the unit we wish to control.

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Microsoft Windows [Version 6.1.7601]
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C:\Users\Administrator>telnet 192.168.1.50 23
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<Note 1> By default the unit will obtain the LAN 2 IP address via DHCP. If you are unsure of the unit’s current LAN 2 IP address, please check the unit’s HDMI status display.

<Note 2> If the unit's IP address is changed then the IP address required for Telnet access will also change accordingly.

<Note 3> Commands will not be executed unless followed by a carriage return. Commands are not case-sensitive.

● **Command**

Command	Description and Parameters
set video wall preset N1 N2[OK]	Execute the specific video wall configuration. () N1 = 1~128 [Video wall group ID] N2 = 1~128 [tx Encoder ID]
Set video wall preset N1 N2 [OK]	Change the video wall image to Encoder. N1 = video wall preset number, N2 = Encoder number.
set video wall preset N1 mute S1 [OK]	Set Decoder N1 Blank screen. N1 = video wall preset number, S1 = 0: [Normal], 1: [Blank screen]
set factory default [OK]	Reset the unit to the factory defaults.
set system reboot [OK]	Reboot the unit.
set macro N1 run [OK]	Execute the specified macro immediately. N1 = 1~16 [Macro ID]
set out N1 route N2 [OK]	Route the specified input to the specified output. N1 = 1,2,3... N2 = 1,2,3...
set all rx system reboot[OK]	Reboot all Decoder device.
set N1 system reboot[OK]	Reboot Decoder device. N1 = rx1~rx256 [Decoder ID]
set N1 hdr S1 [OK]	Set Decoder N1 HDR mode ON/OFF. N1 = rx1~rx256 [Decoder ID] S1 = 0: [Off], 1: [On]
set N1 cec S1 [OK]	Set Decoder N1 CEC mode ON/OFF. N1 = rx1~rx256 [Decoder ID] S1 = 0: [Off], 1: [On]
set voip N1 cec route N2 [OK]	Set Decoder N1 CEC form Encoder N2. N1 = rx1~rx256 [Decoder ID] N2 = tx1~tx128 [Encoder ID]
set N1 rotate S1[OK]	Set Decoder N1 rotate S1 degree. N1 = rx1~rx256 [Decoder ID] S1 = 1: [0 degree], 2: [180 degree], 3: [270 degree]
set N1 video mute S1[OK]	Set Decoder N1 Blank screen. N1 = rx1~rx256 [Decoder ID] S1 = 0: [Off], 1: [On]
set N1 video wall stretch S1[OK]	Set Decoder N1 stretch Out/Fit In. N1 = rx1~rx256 [Decoder ID] S1 = 1: [Stretch Out], 2: [Fit In]
set N1 resolution S1[OK]	Set Decoder N1 resolution. N1 = rx1~rx256 [Decoder ID] S1 = 1: Pass Through S1 = 2: Native

	S1 = 3: 640x480p60 S1 = 4: 800x600p60 S1 = 5: 1024x768p60 S1 = 6: 1280x768p60 S1 = 7: 1280x800p60 S1 = 8: 1280x1024p60 S1 = 9: 1360x768p60 S1 = 10: 1366x768p60 S1 = 11: 1440x900p60 S1 = 12: 1400x1050p60 S1 = 13: 1600x900p60 S1 = 14: 1600x1200p60 S1 = 15: 1680x1050p60 S1 = 16: 1920x1200p60 S1 = 17: 480i60 S1 = 18: 576i50 S1 = 19: 480p60 S1 = 20: 576p50 S1 = 21: 720p25 S1 = 22: 720p30 S1 = 23: 720p50 S1 = 24: 720p60 S1 = 25: 1080i50 S1 = 26: 1080i60 S1 = 27: 1080p24 S1 = 28: 1080p25 S1 = 29: 1080p30 S1 = 30: 1080p50 S1 = 31: 1080p60 S1 = 32: 3840x2160p24 S1 = 33: 3840x2160p25 S1 = 34: 3840x2160p30
set all out route N1 [OK]	Route the specified input to the all output. N1 = 1,2,3...
set all voip ir route N1 [OK]	Route the specified En/Decoder's IR input to all AVoIP devices' IR outputs. N1 = tx1~tx128: [Encoder ID (IR input)]
set all tx system reboot[OK]	Reboot all Encoder device.
set N1 system reboot[OK]	Reboot Encoder device. N1 = tx1~tx128 [Encoder ID]
set voip N1 audio out o1 route N2 S1 [OK]	Route the specified Encoder's audio input to the specified Decoder's audio output. N1 = rx1~rx256 [Decoder ID] N2 = tx1~tx128 [Encoder ID]

	<p>S1 = 1: [HDMI audio input], 2: [Analog audio input] Note: The values for S1 and S2 must match.</p>
<p>set all voip audio out o1 route N1 S1 [OK]</p>	<p>Route the specified Encoder's audio input to all Decoders'audio outputs. N1 = tx1~tx128 [Encoder ID] S1 = 1: [HDMI audio input], 2: [Analog audio input] Note: The values for S1 and S2 must match.</p>
<p>set N1 audio source S1 [OK]</p>	<p>Set Encoder N1 Audio-in select. N1 = tx1~tx128 [Encoder ID] S1 = 1: [Auto], 2: [HDMI], 3: [Analog]</p>