**EVMX4K16**

IP/Serial Commands- ASCII



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Output | Input | Command |   | Output | Input | Command |
| 1 | 1 | 01B01. |   | 2 | 1 | 01B02. |
|   | 2 | 02B01. |   |   | 2 | 02B02. |
|   | 3 | 03B01. |   |   | 3 | 03B02. |
|   | 4 | 04B01. |   |   | 4 | 04B02. |
|   | 5 | 05B01. |   |   | 5 | 05B02. |
|   | 6 | 06B01. |   |   | 6 | 06B02. |
|   | 7 | 07B01. |   |   | 7 | 07B02. |
|   | 8 | 08B01. |   |   | 8 | 08B02. |
|   | 9 | 09B01. |   |   | 9 | 09B02. |
|   | 10 | 10B01. |   |   | 10 | 10B02. |
|   | 11 | 11B01. |   |   | 11 | 11B02. |
|   | 12 | 12B01. |   |   | 12 | 12B02. |
|   | 13 | 13B01. |   |   | 13 | 13B02. |
|   | 14 | 14B01. |   |   | 14 | 14B02. |
|   | 15 | 15B01. |   |   | 15 | 15B02. |
|   | 16 | 16B01. |   |   | 16 | 16B02. |
| 3 | 1 | 01B03. |   | 4 | 1 | 01B04. |
|   | 2 | 02B03. |   |   | 2 | 02B04. |
|   | 3 | 03B03. |   |   | 3 | 03B04. |
|   | 4 | 04B03. |   |   | 4 | 04B04. |
|   | 5 | 05B03. |   |   | 5 | 05B04. |
|   | 6 | 06B03. |   |   | 6 | 06B04. |
|   | 7 | 07B03. |   |   | 7 | 07B04. |
|   | 8 | 08B03. |   |   | 8 | 08B04. |
|   | 9 | 09B03. |   |   | 9 | 09B04. |
|   | 10 | 10B03. |   |   | 10 | 10B04. |
|   | 11 | 11B03. |   |   | 11 | 11B04. |
|   | 12 | 12B03. |   |   | 12 | 12B04. |
|   | 13 | 13B03. |   |   | 13 | 13B04. |
|   | 14 | 14B03. |   |   | 14 | 14B04. |
|   | 15 | 15B02. |   |   | 15 | 15B04. |
|   | 16 | 16B02. |   |   | 16 | 16B04. |
| 5 | 1 | 01B05. |   | 6 | 1 | 01B06. |
|   | 2 | 02B05. |   |   | 2 | 02B06. |
|   | 3 | 03B05. |   |   | 3 | 03B06. |
|   | 4 | 04B05. |   |   | 4 | 04B06. |
|   | 5 | 05B05. |   |   | 5 | 05B06. |
|   | 6 | 06B05. |   |   | 6 | 06B06. |
|   | 7 | 07B05. |   |   | 7 | 07B06. |
|   | 8 | 08B05. |   |   | 8 | 08B06. |
|   | 9 | 09B05. |   |   | 9 | 09B06. |
|   | 10 | 10B05. |   |   | 10 | 10B06. |
|   | 11 | 11B05. |   |   | 11 | 11B06. |
|   | 12 | 12B05. |   |   | 12 | 12B06. |
|   | 13 | 13B05. |   |   | 13 | 13B06. |
|   | 14 | 14B05. |   |   | 14 | 14B06. |
|   | 15 | 15B05. |   |   | 15 | 15B06. |
|   | 16 | 16B05. |   |   | 16 | 16B06. |
| 7 | 1 | 01B07. |   | 8 | 1 | 01B08. |
|   | 2 | 02B07. |   |   | 2 | 02B08. |
|   | 3 | 03B07. |   |   | 3 | 03B08. |
|   | 4 | 03B07. |   |   | 4 | 04B08. |
|   | 5 | 05B07. |   |   | 5 | 05B08. |
|   | 6 | 06B07. |   |   | 6 | 06B08. |
|   | 7 | 07B07. |   |   | 7 | 07B08. |
|   | 8 | 08B07. |   |   | 8 | 08B08. |
|   | 9 | 09B07. |   |   | 9 | 09B08. |
|   | 10 | 10B07. |   |   | 10 | 10B08. |
|   | 11 | 11B07. |   |   | 11 | 11B09. |
|   | 12 | 12B07. |   |   | 12 | 12B08. |
|   | 13 | 13B07. |   |   | 13 | 13B08. |
|   | 14 | 14B07. |   |   | 14 | 14B08. |
|   | 15 | 15B07. |   |   | 15 | 15B08. |
|   | 16 | 16B07. |   |   | 16 | 16B08. |
| 9 | 1 | 01B09. |   | 10 | 1 | 01B10. |
|   | 2 | 02B09. |   |   | 2 | 02B10. |
|   | 3 | 03B09. |   |   | 3 | 03B10. |
|   | 4 | 04B09. |   |   | 4 | 04B10. |
|   | 5 | 05B09. |   |   | 5 | 05B10. |
|   | 6 | 06B09. |   |   | 6 | 06B10. |
|   | 7 | 07B09. |   |   | 7 | 07B10. |
|   | 8 | 08B09. |   |   | 8 | 08B10. |
|   | 9 | 09B09. |   |   | 9 | 09B10. |
|   | 10 | 10B09. |   |   | 10 | 10B10. |
|   | 11 | 11B09. |   |   | 11 | 11B10. |
|   | 12 | 12B09. |   |   | 12 | 12B10. |
|   | 13 | 13B09. |   |   | 13 | 13B10. |
|   | 14 | 14B09. |   |   | 14 | 14B10. |
|   | 15 | 15B09. |   |   | 15 | 15B10. |
|   | 16 | 16B09. |   |   | 16 | 16B10. |
| 11 | 1 | 01B11. |   | 12 | 1 | 01B12. |
|   | 2 | 02B11. |   |   | 2 | 02B12. |
|   | 3 | 03B11. |   |   | 3 | 03B12. |
|   | 4 | 04B11. |   |   | 4 | 04B12. |
|   | 5 | 05B11. |   |   | 5 | 05B12. |
|   | 6 | 06B11. |   |   | 6 | 06B12. |
|   | 7 | 07B11. |   |   | 7 | 07B12. |
|   | 8 | 08B11. |   |   | 8 | 08B12. |
|   | 9 | 09B11. |   |   | 9 | 09B12. |
|   | 10 | 10B11. |   |   | 10 | 10B12. |
|   | 11 | 11B11. |   |   | 11 | 11B12. |
|   | 12 | 12B11. |   |   | 12 | 12B12. |
|   | 13 | 13B11. |   |   | 13 | 13B12. |
|   | 14 | 14B11. |   |   | 14 | 14B12. |
|   | 15 | 15B11. |   |   | 15 | 15B12. |
|   | 16 | 16B11. |   |   | 16 | 16B12. |
| 13 | 1 | 01B13. |   | 14 | 1 | 01B14. |
|   | 2 | 02B13. |   |   | 2 | 02B14. |
|   | 3 | 03B13. |   |   | 3 | 03B14. |
|   | 4 | 04B13. |   |   | 4 | 04B14. |
|   | 5 | 05B13. |   |   | 5 | 05B14. |
|   | 6 | 06B13. |   |   | 6 | 06B14. |
|   | 7 | 07B13. |   |   | 7 | 07B14. |
|   | 8 | 08B13. |   |   | 8 | 08B14. |
|   | 9 | 09B13. |   |   | 9 | 09B14. |
|   | 10 | 10B13. |   |   | 10 | 10B14. |
|   | 11 | 11B13. |   |   | 11 | 11B14. |
|   | 12 | 12B13. |   |   | 12 | 12B14. |
|   | 13 | 13B13. |   |   | 13 | 13B14. |
|   | 14 | 14B13. |   |   | 14 | 14B14. |
|   | 15 | 15B13. |   |   | 15 | 15B14. |
|   | 16 | 16B13. |   |   | 16 | 16B14. |
| 15 | 1 | 01B15. |   | 16 | 1 | 01B16. |
|   | 2 | 02B15. |   |   | 2 | 02B16. |
|   | 3 | 03B15. |   |   | 3 | 03B16. |
|   | 4 | 04B15. |   |   | 4 | 04B16. |
|   | 5 | 05B15. |   |   | 5 | 05B16. |
|   | 6 | 06B15. |   |   | 6 | 06B16. |
|   | 7 | 07B15. |   |   | 7 | 07B16. |
|   | 8 | 08B15. |   |   | 8 | 08B16. |
|   | 9 | 09B15. |   |   | 9 | 09B16. |
|   | 10 | 10B15. |   |   | 10 | 10B16. |
|   | 11 | 11B15. |   |   | 11 | 11B16. |
|   | 12 | 12B15. |   |   | 12 | 12B16. |
|   | 13 | 13B15. |   |   | 13 | 13B16. |
|   | 14 | 14B15. |   |   | 14 | 14B16. |
|   | 15 | 15B15. |   |   | 15 | 15B16. |
|   | 16 | 16B15. |   |   | 16 | 16B16. |

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| **Command** | **Function**  | **Feedback Example**  |
| **System Commands** |
| /\*Type; | Inquire the models information.  | EVMX4K08 |
| /^Version; | Inquire the version of firmware  | VX.X.X  |
| Demo. | Switch to the ―demo mode. Automatically switches inputs every 2 seconds.  | Demo Mode AV: 1-> 1 AV: 1-> 2 AV: 1-> 3 AV: 1-> 4 AV: 1-> 5 AV: 1-> 6 AV: 1-> 7 AV: 1-> 8 AV: 2-> 1 …  |
| Undo. | To cancel the previous operation.  | Undo Ok!  |

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| **Operation Commands**  |
| [x]All.  | Transfer signals from the input channel [x] to all output channels  | X To All. (X=1-8)  |
| All#.  | Transfer all input signals to the corresponding output channels respectively like 1->1, 2->2…  | All Through.  |
| All$.  | Switch off all the output channels.  | All Closed.  |
| [x]#.  | Transfer signals from the input channel [x] to the output channel [x].  | X Through. (X=1~8)  |

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| **Command**  | **Function**  | **Feedback Example**  |
| [x]$.  | Switch off the output channel [x].  | X Closed. (X=1~8)  |
| [x]@.  | Switch on the output channel [x].  | X Open. (X=1~8)  |
| All@.  | Switch on all output channels.  | All Open.  |
| [x1]V[x2].  | Transfer the AV signal from the input channel [x1] to one or several output channels ([x2], separate output channels with comma).  | AV: X1-> X2 (X1/X2=1~8)  |
| [x1]B[x2].  | Transfer the AV and IR signal from input channel [x1] to one or several output channels ([x2], separate output channels with comma).  | AV: X1-> X2 (X1/X2=1~8)  |
| Status[x].  | Check the I/O connection status of output [x]  | AV: Y-> X (X=1~8, Y=1~8)  |
| Status.  | Inquire the input channel to the output channels one by one.  | AV: 1-> 1 AV: 2-> 2 AV: 3-> 3 AV: 4-> 4 AV: 5-> 5 AV: 6-> 6 AV: 7-> 7 AV: 8-> 8  |
| Save[Y].  | Save the present operation to the preset command [Y], ranges from 0 to 9.  |  Save To FY (Y=0-9)  |
| Recall[Y].  | Recall the preset command [Y].  |  Recall From FY (Y=0-9)  |
| Clear[Y].  | Clear the preset command [Y].  |  Clear FY (Y=0-9)  |
| PWON.  | Work in normal mode.  | PWON  |
| PWOFF.  | Enter into standby mode and cut off the power supply to HDBaseT receivers.  | PWOFF  |
| STANDBY.  | Enter into standby mode. (Do not cut off the power supply to HDBaseT receivers, press other buttons or send other commands to start.)  | STANDBY  |
| EDIDH[x]B[y].  | Input port [y] learns the EDID from output port [x]. If the EDID data is available and the audio part supports not only PCM mode, then force-set it to support PCM mode only. If the EDID data is not available, then set it as initialized EDID data.  | EDIDH[x]B[y]  |
| EDIDPCM[x].  | Set the audio part of input port [x] to PCM format in EDID database.  | EDIDPCM[x]  |
| EDIDG[x].  | Get EDID data from output [x] and display the output port number.  | Hexadecimal EDID data and carriage return character  |
| EDIDMInit.  | Restore the factory default EDID data of every input.  | EDIDMInit.  |
| EDIDM[X]B[Y].  | Manually EDID switching. Enable input[Y] to learn the EDID data of output[X]. If the EDID data is not available, then set it as initialized EDID data.  | EDIDM[X]B[Y]  |
| EDID/[x]/[y].  | Set the EDID data of input port [x] to built-in EDID No.[y]. [y]=1~6, correspond to the 6 embedded EDID data 1. 1080P 3D 2CH
2. 1080P 3D Multichannel
3. 1080P 2D 2CH
4. 1080P 2D Multichannel
5. 3840x2160 2D (30Hz)

4096x2160 2D (30Hz) | EDID/[x]/[y]  |
| GetInPortEDI D[X].  | Return the EDID data of input [x], [x]=1~8  |   |
| %0900.  | Switch to carrier native mode.  | Carrier native  |
| %0901.  | Switch to force carrier mode.  | Force carrier  |
| %0911.  | Reset to factory default.  | Factory Default  |
| %9951.  | Check the command sent by port 1 when PWON.  |  Port 1:data whenPWON  |
| %9952.  | Check the command sent by port 2 when PWON.  |  Port 2:data whenPWON  |
| %9953.  | Check the command sent by port 3 when PWON.  |  Port 3:data whenPWON  |
| %9954.  | Check the command sent by port 4 when PWON.  |  Port 4:data whenPWON  |
| %9955.  | Check the command sent by port 5 when PWON.  |  Port 5:data whenPWON  |
| %9956.  | Check the command sent by port 6 when PWON.  |  Port 6:data whenPWON  |
| %9957.  | Check the command sent by port 7 when PWON.  |  Port 7:data whenPWON  |
| %9958.  | Check the command sent by port 8 when PWON.  |  Port 8:data whenPWON  |
| %9941.  | Check the command sent by port 1 when PWOFF.  |  Port 1:data when PWOFF  |
| %9942.  | Check the command sent by port 2 when PWOFF.  |  Port 2:data whenPWOFF  |
| %9943.  | Check the command sent by port 3 when PWOFF.  |  Port 3:data whenPWOFF  |
| %9944.  | Check the command sent by port 4 when PWOFF.  |  Port 4:data whenPWOFF  |
| %9945.  | Check the command sent by port 5 when PWOFF.  |  Port 5:data whenPWOFF  |
| %9946.  | Check the command sent by port 6 when PWOFF.  |  Port 6:data whenPWOFF  |
| %9947.  | Check the command sent by port 7 when PWOFF.  |  Port 7:data whenPWOFF  |
| %9948.  | Check the command sent by port 8 when PWOFF.  |  Port 8:data whenPWOFF  |
| %9961.  | Check the system locking status.  | System Unlock! /Locked |
| %9962.  | Check the status while in standby mode.  | STANDBY/PWON/ PWOFF  |
| %9963.  | Check the working mode of infrared carrier.  | Carrier native/ Force carrier  |
| %9964.  | Check the IP address.  | IP:192.168.0.178 (default)  |
| **Command**  | **Function**  | **Feedback Example**  |
| %9971.  | Check the connection status of the inputs.  | In 1 2 3 4 Connect N Y Y Y In 5 6 7 8 Connect N Y Y Y  |
| %9972.  | Check the connection status of the outputs.  | Out 1 2 3 4 Connect N Y Y Y Out 5 6 7 8 Connect N Y Y Y  |
| %9975.  | Check the I/O connection status.  | Out 1 2 3 4  In 1 2 3 4 Out 5 6 7 8 In 5 6 7 8  |
| %9976.  | Check the output resolution.  | Resolution Out 1 0000x0000 Out 2 1920x1080 Out 3 1920x1080 Out 4 1920x1080 Out 5 0000x0000 Out 6 1920x1080 Out 7 1920x1080 Out 8 1920x1080  |
| %9978.  | Check the HDCP compliant status of the inputs.  | In 1 2 3 4 HDCPEN Y Y Y Y In 5 6 7 8 HDCPEN Y Y Y Y  |