**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 when  PWON |
| %9952. | Check the command sent by port 2 when PWON. | Port 2:data when  PWON |
| %9953. | Check the command sent by port 3 when PWON. | Port 3:data when  PWON |
| %9954. | Check the command sent by port 4 when PWON. | Port 4:data when  PWON |
| %9955. | Check the command sent by port 5 when PWON. | Port 5:data when  PWON |
| %9956. | Check the command sent by port 6 when PWON. | Port 6:data when  PWON |
| %9957. | Check the command sent by port 7 when PWON. | Port 7:data when  PWON |
| %9958. | Check the command sent by port 8 when PWON. | Port 8:data when  PWON |
| %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 when  PWOFF |
| %9943. | Check the command sent by port 3 when PWOFF. | Port 3:data when  PWOFF |
| %9944. | Check the command sent by port 4 when PWOFF. | Port 4:data when  PWOFF |
| %9945. | Check the command sent by port 5 when PWOFF. | Port 5:data when  PWOFF |
| %9946. | Check the command sent by port 6 when PWOFF. | Port 6:data when  PWOFF |
| %9947. | Check the command sent by port 7 when PWOFF. | Port 7:data when  PWOFF |
| %9948. | Check the command sent by port 8 when PWOFF. | Port 8:data when  PWOFF |
| %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 |