YS-UHD01/BS-NDI01
Serial Command Manual

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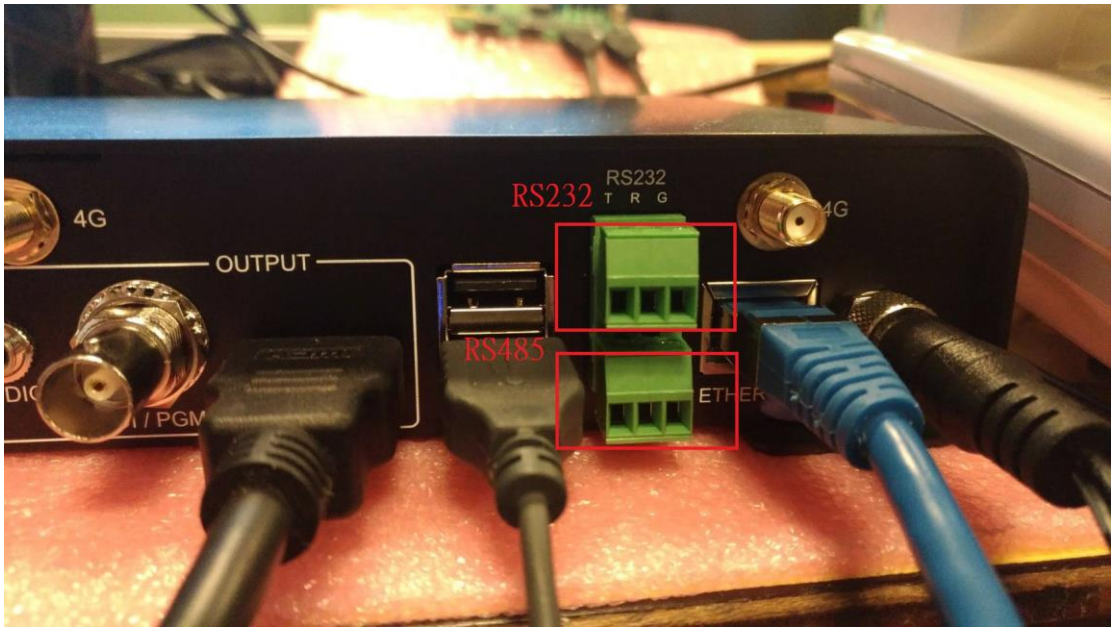
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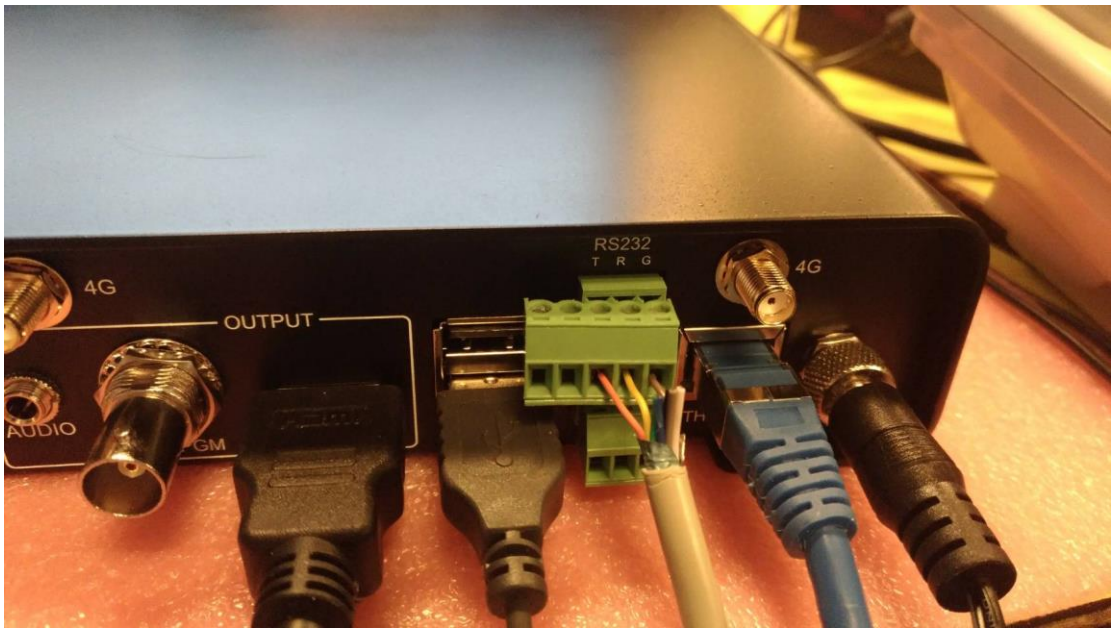
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Serial Setting

Serial speed : 9600 baud rate

Seral interface rs232/rs485





Error Code

Error Code	Description
00	Success
01	Not support
02	Invalid input parameter
03	PGM type doesn’t support
04	Data is Null

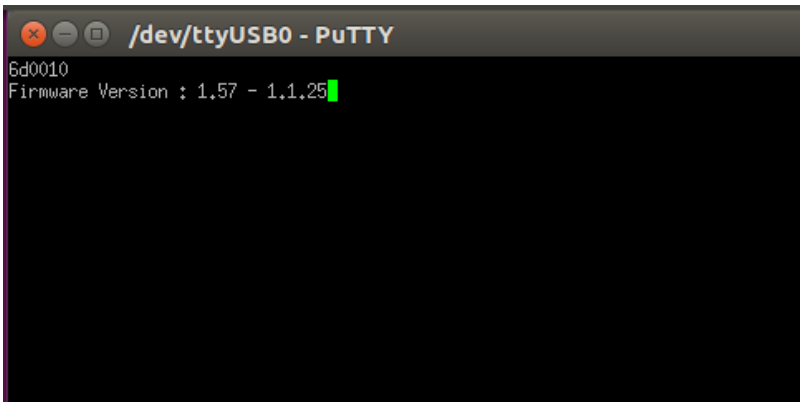
Serial Query Command

3-1. Query Version

Support RS232

Command	Description
6d0010	Return a Firmware Version

Example:



3-2. Get Input Format

Support RS232

Command	Description
6d0022_0000	Get Video Input 1 Format
6d0022_0001	Get Video Input 2 Format
6d0022_0002	Get Video Input 3 Format
6d0022_0003	Get Video Input 4 Format

3-3. Set Output Frame Rate

Support RS232/RS485

Command	Description
6d0020_00000060	Set Output 1= 60 fps
6d0020_00000050	Set Output 1= 50 fps
6d0020_00000030	Set Output 1= 30 fps
6d0020_00000025	Set Output 1= 25 fps
6d0020_00010060	Set Output 2= 60 fps
6d0020_00010050	Set Output 2= 50 fps
6d0020_00010030	Set Output 2= 30 fps
6d0020_00010025	Set Output 2= 25 fps

3-4. Get Output Format

Support RS232

Command	Description
6d0021_0000	Get Video Output 1 Format
6d0021_0001	Get Video Output 2 Format

3-5. Enable/Disable Record Support RS232/RS485

6d1000_00000000

Byte [0-3] : This a bitmap for channel, if set 0003 then channel 1 and channel 2 work up

6d1000_00000000

Byte [4-7] : enable is 0001, disable is 0000

Command	Description
6d1000_00010001	Enable Channel 1 Record
6d1000_00010000	Disable Channel 1 Record

3-6. Enable/Disable Streaming Support RS232/RS485

6d1010_00000000

Byte [0-3] : This a bitmap for channel, if set 0003 then channel 1 and channel 2 work up

6d1000_00000000

Byte [4-7] : enable is 0001, disable is 0000

Command	Description
6d1010_00010001	Enable Channel 1 Record
6d1010_00010000	Disable Channel 1 Record

3-7. Get Record Status

Support RS232

Command	Description
6d1001_0001	Get Channel 1 Record Status

3-8. Get Stream Status

Support RS232

Command	Description
6d1011_0001	Get Channel 1 Stream Status

3-15. Enable Snapshot

Support RS232/RS485

6d1080_00000000

Byte [0-3] : This a bitmap for channel, if set 0003 then channel 1 and channel 2 work up

6d1080_00000000

Byte [4-7] : BMP is 0001, JPEG is 0000

Command	Description
6d1080_00010000	Channel 1 Snapshot with JPEG
6d1080_00010001	Channel 1 Snapshot with BMP