

### 1.RS-232 Command:

Baudrate: 115200

Data width: 8bit

Parity: none

Stop: 1bit

#### Port switch command package length is 13byte:

[0xa5+0x5b+0x02+0x03+**input port(1~4)**+0x00+**output port(1~4)**+0x00+0x00+0x00+0x00+**checksum**]

All you need to change is just "input port", "output port", "checksum"

Checksum = 0x100 - (0xa5+0x5b+0x02+0x03+**input port**+0x00+**output port**+0x00+0x00+0x00+0x00+0x00)

For example: Set output 1 form input 2 command:

A5 5B 02 03 02 00 01 00 00 00 00 00 F8

#### Port switch query package length is 13byte:

This is a query command which mean you must send query package and then receive an answer.

For example: Query output A input port (1~4)

Send package: A5 5B 02 01 **01** 00 00 00 00 00 00 00 FC

Receive package: A5 5B 02 01 01 00 **01** 00 00 00 00 00 FB

The red **01** mean the output port number, it should be 1~4.

The blue **01** mean the input port number, it should be 1~4.

#### Edid set command package length is 13byte:

[0xa5+0x5b+0x03+0x02+**Edid index(1~18)**+0x00+**input port(1~4)**+0x00+0x00+0x00+0x00+0x00+**checksum**]

[0xa5+0x5b+0x03+0x01+**Edid index(1~18)**+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set edid mode to all input port

#### Edid query command package length is 13byte:

This is a query command which mean you must send query package and then receive an answer.

For example: Query input 1 Edid index (1~18)

Send package: A5 5B 01 0C **01** 00 00 00 00 00 00 00 **checksum**

Receive package: A5 5B 01 0C 01 00 **01** 00 00 00 00 00 **checksum**

The red **01** mean the input port number, it should be 1~4.

The blue **01** mean the Edid index number, it should be 1~18.

#### Edid index list:

1080p,Stereo Audio 2.0	= 1
1080p,Dolby/DTS 5.1	= 2
1080p,HD Audio 7.1	= 3
1080i,Stereo Audio 2.0	= 4
1080i,Dolby/DTS 5.1	= 5

1080i,HD Audio 7.1	= 6
3D,Stereo Audio 2.0	= 7
3D,Dolby/DTS 5.1	= 8
3D,HD Audio 7.1	= 9
4K2K30_444,Stereo Audio 2.0	= 10
4K2K30_444,Dolby/DTS 5.1	= 11
4K2K30_444,HD Audio 7.1	= 12
4K2K60_420,Stereo Audio 2.0	= 13
4K2K60_420,Dolby/DTS 5.1	= 14
4K2K60_420,HD Audio 7.1	= 15
4K2K60_444,Stereo Audio 2.0	= 16
4K2K60_444,Dolby/DTS 5.1	= 17
4K2K60_444,HD Audio 7.1	= 18

**Edid copy command package length is 13byte:**

[0xa5+0x5b+0x03+0x04+**output port (1~4)**+0x00+**input port(1~4)**+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy output port X edid to input port X

[0xa5+0x5b+0x03+0x03+**output port (1~4)**+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy output port X edid to all input port

**Output HDP status query package is 13byte:**

This is a query command which mean you must send query package and then receive an answer.

For example: Query output 1(1~4) HPD status

Send package: A5 5B 01 05 **01** 00 00 00 00 00 00 00 F9

Receive package: A5 5B 01 05 01 00 **FF** 00 00 00 00 00 FA

The red **01** mean the output port number, it should be 1~4.

The blue **FF** mean this port's HPD is LOW, if **00** mean HIGH.

**Input port status query package is 13byte:**

This is a query command which mean you must send query package and then receive an answer.

For example: Query input 1(1~4) status

Send package: A5 5B 01 04 **01** 00 00 00 00 00 00 00 FA

Receive package: A5 5B 01 04 01 00 **FF** 00 00 00 00 00 FB

The red **01** mean the input port number, it should be 1~4.

The blue **FF** mean this port is plug out, if **00** mean plug in.

**Beep on/off command package length is 13byte:**

[0xa5+0x5b+0x06+0x01+**Beep onoff(0x0f:ON; 0xf0:OFF)**+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Beep on/off query package is 13byte:**

This is a query command which mean you must send query package and then receive an answer.

For example:

Send package: A5 5B 01 0B 00 00 00 00 00 00 00 00 F4

Receive package: A5 5B 01 0B 00 00 **FF** 00 00 00 00 00 F5

The blue **FF** mean Beep off, if **00** mean Beep on.

**Power on/off command package length is 13byte:**

[0xa5+0x5b+0x08+0x0B+**Power onoff(0x0f:ON; 0xf0:OFF)**+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Power on/off query package is 13byte:**

This is a query command which mean you must send query package and then receive an answer.

For example:

Send package: A5 5B 08 0C 00 00 00 00 00 00 00 00 **checksum**

Receive package: A5 5B 08 0C **F0** 00 00 00 00 00 00 00 **checksum**

The blue **F0** mean Power off, if **0F** mean Power on.

**Factory Reset command package length is 13byte:**

[0xa5+0x5b+0x08+0x0A+**0x00** +0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Reboot command package length is 13byte:**

[0xa5+0x5b+0x08+0x0D+**0x00** +0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]