

1.RS-232 Command:

Baudrate: 115200

Data width: 8bit

Parity: none

Stop: 1bit

Port switch command package length is 18byte:

[0x50+0x56++0x54+0x02+0x03+**input port(1~4)**+0x00+**output port(1~4)**
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

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

Checksum = 0x50+0x56++0x54+0x02+0x03+**input port(1~4)**+0x00+**output port(1~4)**
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00

For example: Set output 1 form input 2 command:

50 56 54 02 03 01 00 01 00 00 00 00 00 00 00 00 01

Port switch query package length is 18byte:

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: 50 56 54 02 01 01 00 00 00 00 00 00 00 00 00 00 **FE**

Receive package: 50 56 54 02 01 01 00 01 00 00 00 00 00 00 00 00 **FF**

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 18byte:

[0x50+0x56+0x54+0x03+0x02+**Edid index(1~15)**+0x00+**input port(1~4)**
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

[0x50+0x56+0x54+0x03+0x01+**Edid index(1~15)**+0xF0+0x00
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set edid mode to all input port

Edid query command package length is 18byte:

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

For example: Query input 1 Edid index (1~15)

Send package: 50 56 54 01 0C 01 00 00 00 00 00 00 00 00 00 00 **checksum**

Receive package: 50 56 54 01 0C 01 00 01 00 00 00 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 1~15.

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,Stereo Audio 2.0	= 10
4K2K30,Dolby/DTS 5.1	= 11
4K2K30,HD Audio 7.1	= 12
DVI 1024x768	= 13
DVI 1920x1080	= 14
DVI 1920x1200	= 15

Edid copy command package length is 18byte:

[0x50+0x56+0x54+0x03+0x04+**output port (1~4)**+0x00+**input port(1~4)**
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy output port X edid to input port X

0x50+0x56+0x54+0x03+0x03+**output port (1~4)**+0x00+0x00+0x00
+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy output port X edid to all input port

Output HDP status query package is 18byte:

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: 50 56 54 01 05 **01** 00 00 00 00 00 00 00 00 00 00 00 01

Receive package: 50 56 54 01 05 01 00 **FF** 00 00 00 00 00 00 00 00 00 00

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 18byte:

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: 50 56 54 01 04 **01** 00 00 00 00 00 00 00 00 00 00 00 00

Receive package: 50 56 54 01 04 01 00 **FF** 00 00 00 00 00 00 00 00 00 00

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

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

Beep on/off command package length is 18byte:

Beep off: 50 56 54 06 01 F0 00 00 00 00 00 00 00 00 00 00 00 F1

Beep on: 50 56 54 06 01 0F 00 DD 00 00 00 00 00 00 00 00 ED

Beep on/off query command package is 18byte:

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

For example:

Send package: 50 56 54 01 0B 00 00 00 00 00 00 00 00 00 00 00 06

Receive package: 50 56 54 01 0B 00 00 FF 00 00 00 00 00 00 00 00 05

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

Reboot command package length is 18byte:

50 56 54 08 0D 00 00 00 00 00 00 00 00 00 00 00 0F

Standby Mode command package length is 18byte:

Power on: 50 56 54 08 0B 0F 00 0F 00 00 00 00 00 00 00 00 2B

Power off: 50 56 54 08 0B F0 00 F0 00 00 00 00 00 00 00 00 ED

Standby Mode query command package is 18byte:

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

For example:

Send package: 50 56 54 08 0C 00 00 00 00 00 00 00 00 00 00 00 0E

Receive package: 00 56 54 08 0C 0F 00 00 00 00 00 00 00 00 00 00 FE

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

Factory reset command package length is 18byte:

50 56 54 08 0A 00 00 00 00 00 00 00 00 00 00 00 0C

Device type query command package is 18byte:

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

For example:

Send package: 50 56 54 01 01 00 00 00 00 00 00 CC 00 00 00 00 00 C8

Receive package: 50 56 54 01 01 01 00 00 00 00 00 CC 00 00 00 00 00 C9

The blue 01 mean HDMI, if 02 mean HDBT, if 03 mean HDMI+HDBT