**1.RS-232 Command:**

Baudrate：115200

Data width：8bit

Parity: none

Stop: 1bit

**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 command 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.

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

[0xa5+0x5b+0x03+0x02+**Edid index(1~15)**+0x00+**HDMI port(1~2)**+0x00+0x00+0x00+0x00+0x00+**checksum**]

[0xa5+0x5b+0x03+0x02+**Edid index(1~15)**+0x00+**0x01**+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set edid mode to HDMI1 port

For example:

Send package: A5 5B 03 02 03 00 02 00 00 00 00 00 **checksum**

Receive package: A5 5B 03 02 FF 00 02 00 00 00 00 00 **checksum**

The blue FF mean set failed, if 00 mean set succesful.

**Edid index list:**

 SE\_1080I\_20 = 1

 SE\_1080I\_51 = 2

 SE\_1080I\_71 = 3

 SE\_1080P\_20 = 4

 SE\_1080P\_51 = 5

 SE\_1080P\_71 = 6

 SE\_3D\_20 = 7

 SE\_3D\_51 = 8

 SE\_3D\_71 = 9

 SE\_4K2K\_20 = 10

 SE\_4K2K\_51 = 11

 SE\_4K2K\_71 = 12

 SE\_DVI\_1024\_768 = 13

 SE\_DVI\_1920\_1080 = 14

SE\_DVI\_1920\_1200 = 15

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

[0xa5+0x5b+0x03+0x04+**0x01 (1~2)**+0x00+**0x01(1~2)**+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy HDMI OUT edid to HDMI1

[0xa5+0x5b+0x03+0x03+**0x02 (1~2)**+0x00+**0x02(1~2)**+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: copy HBT OUT edid to HDMI2

**Input set command package length is 13byte:**

[0xa5+0x5b+0x02+0x03+ **Input index(1~8)**+0x00+0x01+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Input query command package is 13byte:**

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

Receive package: A5 5B 02 01 01 00 **Input index(1~8)** 00 00 00 00 00 **checksum**

**Input index list:**

 HDMI1 = 1

 HDMI2 = 2

 HDMI3 = 3

 HDMI4 = 4

 DVI = 5

 VGA1 = 6

 VGA2 = 7

 CV = 8

**Audio Select set command package length is 13byte:**

[0xa5+0x5b+0x0A+0x0C+**Audio Select index(1~2)**+0x00+0x01+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Audio Select query command package is 13byte:**

Send package: A5 5B 90 0C 00 00 **Input index(1~5)** 00 00 00 00 00 **checksum**

Receive package: A5 5B 90 0C **Audio Select index(1~2)** 00 **Input index(1~5)** 00 00 00 00 00 **checksum**

**Audio Select List:**

 INT = 1

EXT = 2

**Resolution set command package length is 13byte:**

[0xa5+0x5b+0x0A+0x06+ **Resolution index(1~5)**+0x00+0x01+0x00+0x00+0x00+0x00+0x00+**checksum**]

**Resolution query command package is 13byte:**

Send package: A5 5B 90 06 00 00 01 00 00 00 00 00 **checksum**

Receive package: A5 5B 90 06 **Resolution index(1~5)** 00 01 00 00 00 00 00 **checksum**

**Resolution List:**

 1920x1200 = 1

 1080p = 2

 1360x768 = 3

 720p = 4

 1024x768 = 5

**VGA set command package length is 13byte:**

[0xa5+0x5b+0x0A+0x0E+ 0x00+0x00+0x01+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set AUTO ADJUST

[0xa5+0x5b+0x0A+0x0F+ 0x00+0x00+0x01+0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set SCALER

[0xa5+0x5b+0x0A+0x01+ 0x02+0x00+ **Input index(6~7)** +0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set RGBHV

[0xa5+0x5b+0x0A+0x01+ 0x05+0x00+ **Input index(6~7)** +0x00+0x00+0x00+0x00+0x00+**checksum**]

Means: set YPbPr

**VGA query command package is 13byte:**

Send package: A5 5B 90 01 00 00 **Input index(6~7)** 00 00 00 00 00 **checksum**

Receive package: A5 5B 90 01 **VGA index(1~2)** 00 **Input index(6~7)** 00 00 00 00 00 **checksum**

**VGA List:**

 RGBHV = 1

YPbPr = 2