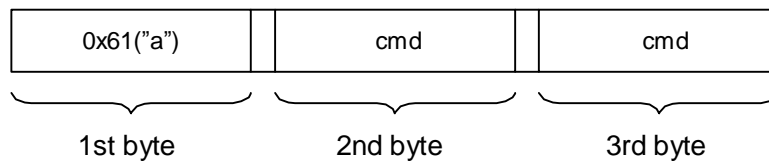


1、Serial port control command format:

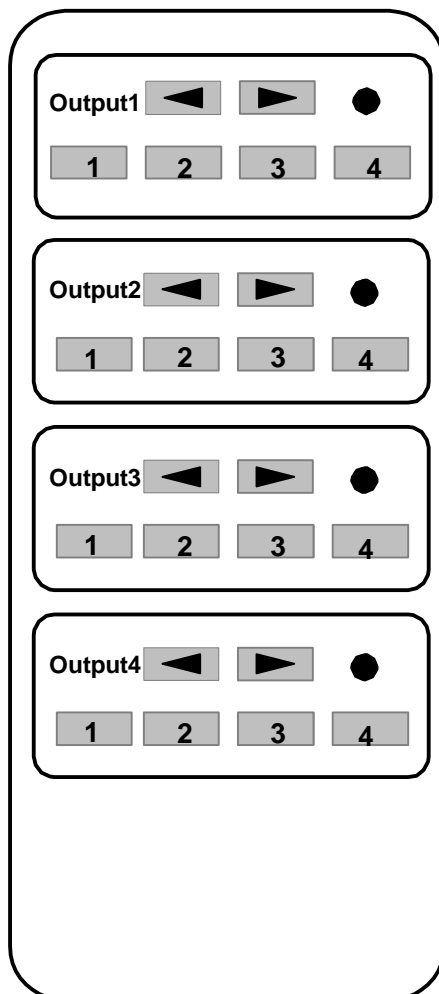
The command length is 3 bytes.



2、Command list:

The command data is the same as IR key data. For example: "a59"(0x613539) is setting the source of the output2 to the third input port. "a41"(0x613431) is skipping the source of the output1 to the next input port.

ASCII HEX



Output port1:

(next) : 41(0x3431);

(previous): 57;

1:09; 2:1D; 3:1F; 4:0D;

Output port2:

(next) : 11;

(previous): 1B(0x3142);

1:17; 2:12; 3:59(0x3539); 4:08;

Output port3:

(next) : 48;

(previous): 55;

1:5E; 2:06; 3:05; 4:03;

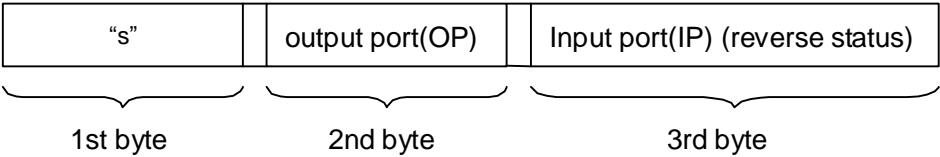
Output port4:

(next) : 40;

(previous): 07;

1:18; 2:44; 3:0F; 4:51

When you send a control command to the HDMI Matrix,if success, it will return current Output

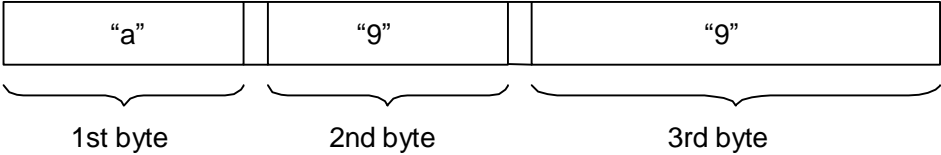


| means | Return status |
|----------|---------------|
| OP1->IP1 | "s13" |
| OP1->IP2 | "s12" |
| OP1->IP3 | "s11" |
| OP1->IP4 | "s10" |
| OP2->IP1 | "s23" |
| OP2->IP2 | "s22" |
| OP2->IP3 | "s21" |
| OP2->IP4 | "s20" |
| OP3->IP1 | "s33" |
| OP3->IP2 | "s32" |
| OP3->IP3 | "s31" |
| OP3->IP4 | "s30" |
| OP4->IP1 | "s43" |
| OP4->IP2 | "s42" |
| OP4->IP3 | "s41" |
| OP4->IP4 | "s40" |

For example: if you send "a59" to HDMI Matrix-002,if success,it will return "s21",means OP2

3、Read Status Command

The command length is 3 bytes.



When you send the read status command to HDMI Matrix,if success ,it will return the status of the OP(bot OP1 and OP2).

For example :when you send "a99" to HDMI Matrix-002,if success ,it will return"s1s2s3s4".that's means OP1 select IP(4-x) , OP2 select IP(4-y), OP3 select IP(4-z) ,OP4 select IP(4-a)."s1s2s3s4" means OP1 select IP2, OP2 select IP1, OP3 select IP1 and OP4 select IP4.