

Baud rate 9600bps, 8 data bits, one stop bit, no parity. Each data frame contains eight bytes.

Control command format:

Bytes Number	1	2	3	4	5	6	7	8
	Frame head		Reserved bytes			Channel	Command	checksum
Reading status	0x5556		0x000000			0x00	00	0xAB
Relay open	0x5556		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	01	0xAD 0xAE 0xAF 0xB0
Relay close	0x5556		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	02	0xAE 0xAF 0xB0 0xB1
Relay toggle	0x5556		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	03	0xAF 0xB0 0xB1 0xB2
Relay momentary	0x5556		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	04	0xB0 0xB1 0xB2 0xB3
Relay Interlock	0x5556		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	05	0xB1 0xB2 0xB3 0xB4

5 Control commands:

1. Reading status (reading the status of the relay (on/off))

55 56 00 00 00 00 00 AB

2. Relay open (issue this command , Relay open , COM connect to NO)

Channel 1 : 55 56 00 00 00 01 01 AD

Channel 2 : 55 56 00 00 00 02 01 AE

Channel 3 : 55 56 00 00 00 03 01 AF

Channel 4 : 55 56 00 00 00 04 01 B0

3. Relay close (issue this command , Relay close , COM disconnect NO , and COM connect to NC)

Channel 1 : 55 56 00 00 00 01 02 AE

Channel 2 : 55 56 00 00 00 02 02 AF

Channel 3 : 55 56 00 00 00 03 02 B0

Channel 4 : 55 56 00 00 00 04 02 B1

4. Relay toggle (Relay status reversal, if COM connect to NO, this commands will Disconnect COM to NO and Reverse COM connect to NC, and vice versa)

Channel 1 : 55 56 00 00 00 01 03 AF

Channel 2 : 55 56 00 00 00 02 03 B0

Channel 3 : 55 56 00 00 00 03 03 B1

Channel 4 : 55 56 00 00 00 04 03 B2

5. Relay momentary (Relay COM connect to NO, disconnect after 200MS)

Channel 1 : 55 56 00 00 00 01 04 B0

Channel 2 : 55 56 00 00 00 02 04 B1

Channel 3 : 55 56 00 00 00 03 04 B2

Channel 4 : 55 56 00 00 00 04 04 B3

6. Relay Interlock

Channel 1 : 55 56 00 00 00 01 05 B1

Channel 2 : 55 56 00 00 00 02 05 B2

Channel 3 : 55 56 00 00 00 03 05 B3

Channel 4 : 55 56 00 00 00 04 05 B4

Once issue a command, will have a return fame , 7th byte of return fame mean the satus of realy .

Return command format:

Bytes Number	1	2	3	4	5	6	7	8
	Frame head		Reserved bytes			Channel	Command	checksum
Return relay open	0x333C		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	01	0x71 0x72 0x73 0x74
Return relay close	0x333C		0x000000			0x01 Channel 1 0x02 Channel 2 0x03 Channel 3 0x04 Channel 4	02	0x72 0x73 0x74 0x75

2 return command

1、Return relay open (return this command, mean COM connect to NO)

Channel 1 : 33 3C 00 00 00 01 01 71

Channel 2 : 33 3C 00 00 00 02 01 72

Channel 3 : 33 3C 00 00 00 03 01 73

Channel 4 : 33 3C 00 00 00 04 01 74

2、Return relay close (return this command, mean COM disconnect NO , and COM connect to NC)

Channel 1 : 33 3C 00 00 00 01 02 72

Channel 2 : 33 3C 00 00 00 02 02 73

Channel 3 : 33 3C 00 00 00 03 02 74

Channel 4 : 33 3C 00 00 00 04 02 75