

KC868-H32B relay controller http command

(2022/05/05)

Note: KC868-H32B firmware version >= V4.0.1

Postpwd is http command password, set by webpage in browser.

1. Read relays' state

http://192.168.1.10/sw_ctl.cgi?RelayFF=RD&postpwd=12345

if successful will feedback:

```
buttonCallback({"btn1":"OFF","btn2":"OFF","btn3":"ON","btn4":"ON","btn5":"OFF","btn6":"ON","btn7":
"ON","btn8":"O
N","btn9":"ON","btn10":"ON","btn11":"OFF","btn12":"ON","btn13":"ON","btn14":"ON","btn15":"ON","
btn16":"ON","btn17":
"ON","btn18":"ON","btn19":"ON","btn20":"ON","btn21":"ON","btn22":"ON","btn23":"ON","btn24":"ON
","btn25":"ON","btn2
6":"ON","btn27":"ON","btn28":"ON","btn29":"ON","btn30":"OFF","btn31":"ON","btn32":"ON","post_p
wd":"admin123",});
```

if failed will feedback: Error parameter or password!

2. Turn ON/OFF every relay:

// Relay1 ON

http://192.168.1.10/sw_ctl.cgi?Relay01=ON&postpwd=12345

// Relay1 OFF

http://192.168.1.10/sw_ctl.cgi?Relay01=OFF&postpwd=12345

//Relay ALL ON

http://192.168.1.10/sw_ctl.cgi?RelayFF=ON&postpwd=12345

//Relay ALL OFF

http://192.168.1.10/sw_ctl.cgi?RelayFF=OFF&postpwd=12345

if successful will feedback:

```
buttonCallback({"btn1":"OFF","btn2":"OFF","btn3":"ON","btn4":"ON","btn5":"OFF","btn6":"ON","btn7":"ON
","btn8":"O
N","btn9":"ON","btn10":"ON","btn11":"OFF","btn12":"ON","btn13":"ON","btn14":"ON","btn15":"ON","btn16":
"ON","btn17":
"ON","btn18":"ON","btn19":"ON","btn20":"ON","btn21":"ON","btn22":"ON","btn23":"ON","btn24":"ON","btn
25":"ON","btn2
6":"ON","btn27":"ON","btn28":"ON","btn29":"ON","btn30":"OFF","btn31":"ON","btn32":"ON","post_pwd":"a
dmin123",});
```

if failed will feedback: Error parameter or password!

3. Read input port state

http://192.168.1.10/input_ctl.cgi?inputFF=RD&postpwd=12345

if successful will feedback:

```
inputCallback({"input1":"1","input2":"1","input3":"1","input4":"1","input5":"1","input6":"1"});
1 means: ON 0 means:OFF
```

if failed will feedback: Error parameter or password!

4.Add HTTP multi control relay command

(you can use one http command turn ON/OFF/toggle any relay) :

http command format:

http://ip/sw_ctl.cgi?RealyMulSet=A8A7A6A5A4A3A2A1,B8B7B6B5B4B3B2B1,C8C7C6C5C4C3C2C1&postpwd=postpassword

A8A7A6A5A4A3A2A1 use for "TURN ON" 32 channel relay, every channel bit "1" means enable, bit "0" means disable

B8B7B6B5B4B3B2B1 use for "TURN OFF" 32 channel relay, every channel bit "1" means enable, bit "0" means disable

C8C7C6C5C4C3C2C1 use for "TOGGLE" 32 channel relay, every channel bit "1" means enable, bit "0" means disable

	TURN ON RELAY 1 TO RELAY 32																																																			
	A8				A7				A6				A5				A4				A3				A2				A1																							
RELAY	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																				
BIN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 ENABLE	0 DISABLE																	
HEX	F				0				0				0				0				0				0				0				TURN ON RELAY 32 31 30 29 (F000 0000)																			
	TURN OFF RELAY 1 TO RELAY 32																																																			
	E8				E7				E6				E5				E4				E3				E2				E1																							
RELAY	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																				
BIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1 ENABLE	0 DISABLE																
HEX	0				0				0				0				0				0				0				0				F				TURN OFF RELAY 04 03 02 01(0000 000F)															
	TOGGLE RELAY 1 TO RELAY 32																																																			
	C8				C7				C6				C5				C4				C3				C2				C1																							
RELAY	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																				
BIN	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 ENABLE	0 DISABLE																
HEX	0				0				F				0				0				0				0				0				0				TOGGLE RELAY 24 23 22 21 (00F0 0000)															

Example:

TURN ON RELAY 32 31 30 29 (F0000000)

TURN OFF RELAY 04 03 02 01 (0000000F)

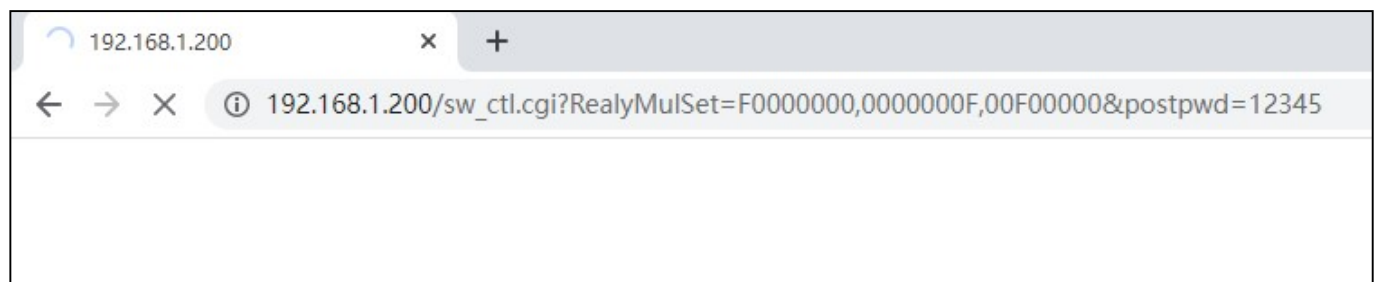
TOGGLE RELAY 24 23 22 21 (00F00000)

if your relay controller IP address is 192.168.1.200

if your post password is 12345

The command is:

http://192.168.1.200/sw_ctl.cgi?RealyMulSet=F0000000,0000000F,00F00000&postpwd=12345



After send this command:

Relay32,31,30,29 will be ON, Relay4,3,2,1 will be OFF, Relay24,23,22,21 will be TOGGLE.