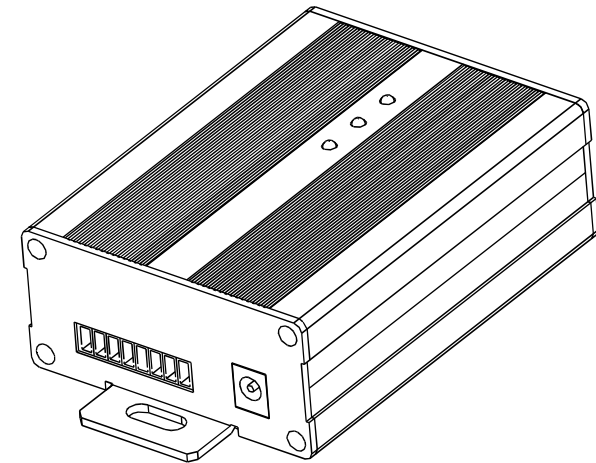


SDLC-PELCO PROTOCOL DECODE BOARD OPERATION MANUAL



1. SDLC-PELCO PROTOCOL DECODE BOARD

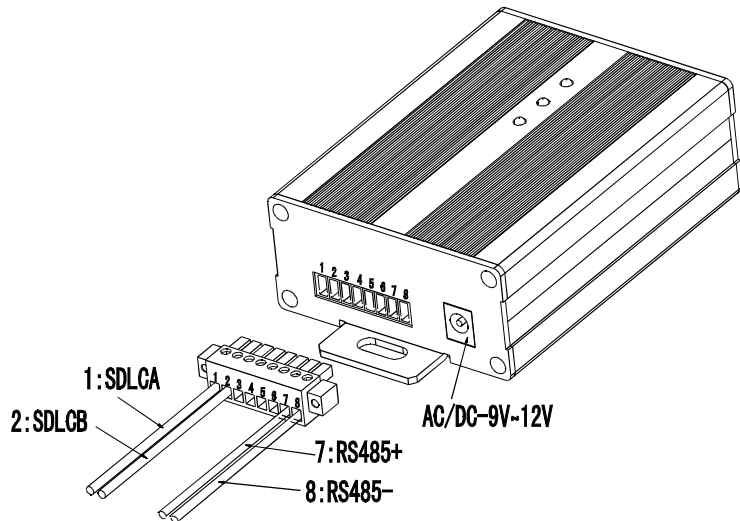
Power: AC/DC 9-12V

● **8-bit terminal connection definition:**

1. Bit 1 and 2 is SDLCA、SDLCB input;
2. Bit 7 and 8 is RS485 input, connecting RS485A+、RS485B- (Refer to the picture below)

● **12-bit switch definition:**

1. "1" set switch as "ON", "0" set switch as "OFF";
2. Bit 1-8 is for dome address setting(0-255), pls checking the coding in the attached accessory;
3. Bit 9-10 is dome speed, there are four different speed, which are "00","10","01","11" respectively;
4. Bit 11-12 is for protocol decode board and dome baud rate setting, 00:2400bps, 10:4800bps, 01:9600bps, 11:19200bps.



2. PROTOCOL TRANSFORMER ADDRESS SETTING

ID	Switch number							
	(Bit)1	2	3	4	5	6	7	8
Factory default/set as debug address	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0
2	0	1	0	0	0	0	0	0
3	1	1	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0
5	1	0	1	0	0	0	0	0
6	0	1	1	0	0	0	0	0
7	1	1	1	0	0	0	0	0
8	0	0	0	1	0	0	0	0
9	1	0	0	1	0	0	0	0
10	0	1	0	1	0	0	0	0
11	1	1	0	1	0	0	0	0
12	0	0	1	1	0	0	0	0
13	1	0	1	1	0	0	0	0
14	0	1	1	1	0	0	0	0
15	1	1	1	1	0	0	0	0
16	0	0	0	0	1	0	0	0
17	1	0	0	0	1	0	0	0
18	0	1	0	0	1	0	0	0
19	1	1	0	0	1	0	0	0
20	0	0	1	0	1	0	0	0
21	1	0	1	0	1	0	0	0
22	0	1	1	0	1	0	0	0
23	1	1	1	0	1	0	0	0
24	0	0	0	1	1	0	0	0
25	1	0	0	1	1	0	0	0
26	0	1	0	1	1	0	0	0
27	1	1	0	1	1	0	0	0
28	0	0	1	1	1	0	0	0
29	1	0	1	1	1	0	0	0
30	0	1	1	1	1	0	0	0
31	1	1	1	1	1	0	0	0
·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·

ID	Switch number							
	(Bit)1	2	3	4	5	6	7	8
238	0	1	1	1	0	1	1	1
239	1	1	1	1	0	1	1	1
240	0	0	0	0	1	1	1	1
241	1	0	0	0	1	1	1	1
242	0	1	0	0	1	1	1	1
243	1	1	0	0	1	1	1	1
244	0	0	1	0	1	1	1	1
245	1	0	1	0	1	1	1	1
246	0	1	1	0	1	1	1	1
247	1	1	1	0	1	1	1	1
248	0	0	0	1	1	1	1	1
249	1	0	0	1	1	1	1	1
250	0	1	0	1	1	1	1	1
251	1	1	0	1	1	1	1	1
252	0	0	1	1	1	1	1	1
253	1	0	1	1	1	1	1	1
254	0	1	1	1	1	1	1	1
255(Factory default as radio address)	1	1	1	1	1	1	1	1

3. Baud rate setting:

Please according to "Rs485 Bus Basic Knowledge", to check whether Baud rate is satisfied with the demand of transmission distance.

Band rate	Switch number	
	(Bit) 11	12
2400bps	0	0
4800bps	1	0
9600bps	0	1
19200bps	1	1