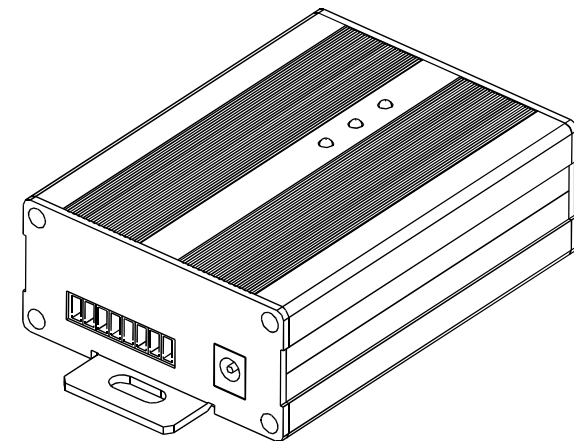


# PELCO-COAXIAL PROTOCOL DECODE BOARD OPERATION MANUAL



## 1. PELCO-COAXIAL PROTOCOL DECODE BOARD

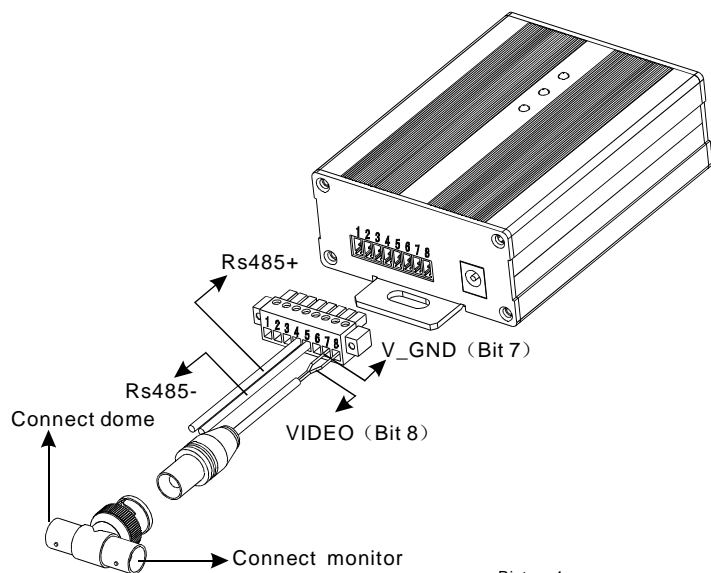
Power: AC/DC 9-12V

### ● 8-bit terminal connection definition:

- 1.Bit 7 and 8 is V\_GND, VIDED;
- 2.Bit 4 and 5 is Rs485 input, connecting RS485A+, RS485B- (Refer to the picture below)
3. RS485 input simultaneously compatible with Pelco-P/D protocol.

### ● 12-bit switch definition:

1. "1" set switch as "ON", "0" set switch as "OFF" ;
2. Bit 1-8 are for Coaxial Video Control Protocol Converter address setting (0-255), pls checking the specific coding in the appendix.
- 3.Bit 9 and 10 is for protocol decode board and keyboard baud rate setting: 00:2400bps, 10:4800bps, 01: 9600bps, 11:19200bps.



Picture 1

## 2. PROTOCOL TRANSFORMER ADDRESS SETTING

ID	Switch number							
	(Bit)1	2	3	4	5	6	7	8
Factory defaults 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 defaults as radio address)	1	1	1	1	1	1	1	1



The video line of dome (Type: SYV75-5) connecting with Coaxial Video Control Decode Board can not be longer than 300 meters.