

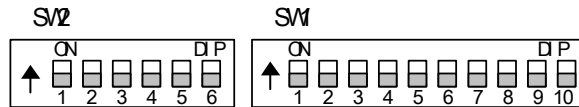
Indoor / Outdoor Pan/Tilt System

I . Features:

- Compact and attractive appearance, Indoor / Outdoor design ;
- Motor running stably ;
- Flame-retarded ABS material ;
- Adjustable horizontal limit switcher, the unit capable of operation with load to 6Kg ;
- RS485 data communication ;
- With internal decoder, Multi-protocol, baud rate for selectable ;
- Pan speed: 5°/sec ; Tilt speed: 5°/sec ;
- With line scanning function ;

II . Description of the Dip-switcher setting:

1 . Dip-switcher



6-Dip switcher: 1 – 4 for Protocol, 5 – 6 for Baud rate ;

10-Dip switcher(frontal 9-DIP) is for the address setup:1 ~ 511, count it as the binary system.

2 . The setting of the protocol and the default baud rate:

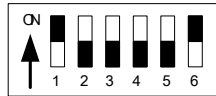
Protocols	Selection of Protocols				Normal Baud Rate	
	DIP-1	DIP-2	DIP-3	DIP-4	DIP-5	DIP-6
SAMSUNG	ON	OFF	OFF	OFF	OFF	ON
B01	ON	OFF	OFF	OFF	OFF	ON
PELCO-D	ON	ON	OFF	OFF	OFF	OFF
PELCO-P/4800	OFF	OFF	ON	OFF	ON	OFF
PELCO-P/9600					OFF	ON
Longcomity	OFF	ON	ON	OFF	OFF	ON
HUNDA600	ON	ON	ON	OFF	OFF	ON
LILIN	OFF	OFF	OFF	ON	OFF	ON

ALEC	OFF	ON	ON	ON	OFF	ON
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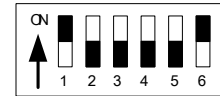
3 . The setting of the baud rate:

Dip-switcher Baud Rate	1	2	3	4	5	6
2400bps					OFF	OFF
4800bps					ON	OFF
9600bps					OFF	ON
19200bps					ON	ON

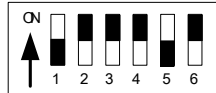
B01/ 9600Bps



SAMSUNG 9600Bps



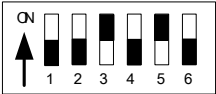
ALEC 9600Bps



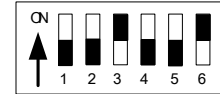
PELCO D/ 2400Bps



PELCO P/ 4800Bps



PELCO P/ 9600Bps



4 . Address setting :

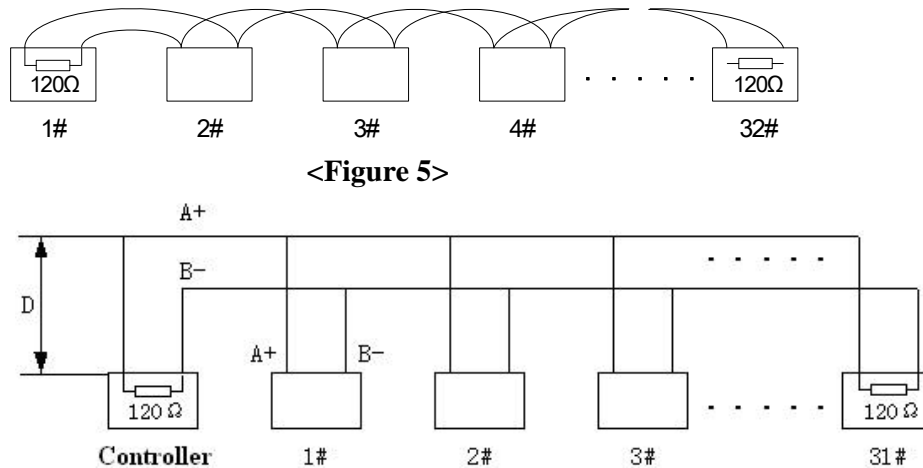
Dome Address	Dip-switcher								
	DIP-1	DIP-2	DIP-3	DIP-4	DIP-5	DIP-6	DIP-7	DIP-8	DIP-9
1	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
3	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
4	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
5	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
6	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
7	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
8	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
9	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
10	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
11	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
12	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
13	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
14	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
15	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
16	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
17	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
18	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF

...									
511	ON	ON	ON	ON	ON	ON	ON	ON	ON

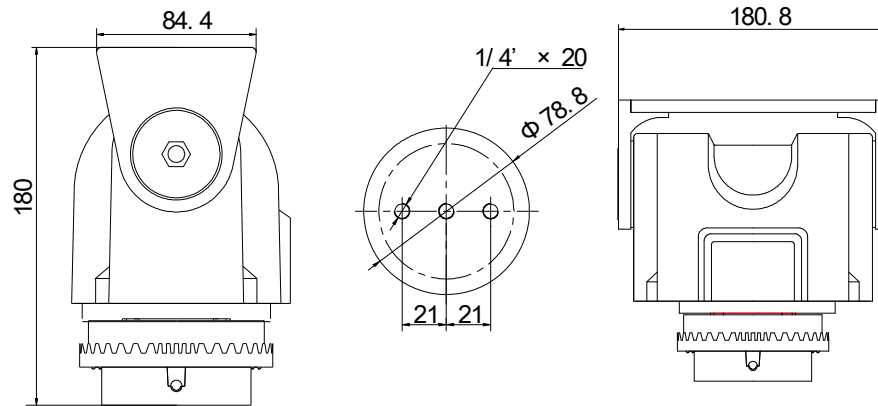
Before the application of the Dome pan/tilt, the address codes should be set first by DIP1 to DIP9 of SW1 on PCB in binary 8421 coding system, in which DIP1 means lower bit and the maximum address is 511. State ON of the DIP-SWITCH means “1” while OFF means “0”. Some address codes of the DIP-SWITCH are set as above.

5. Selection of 120Ω Terminal Resistor

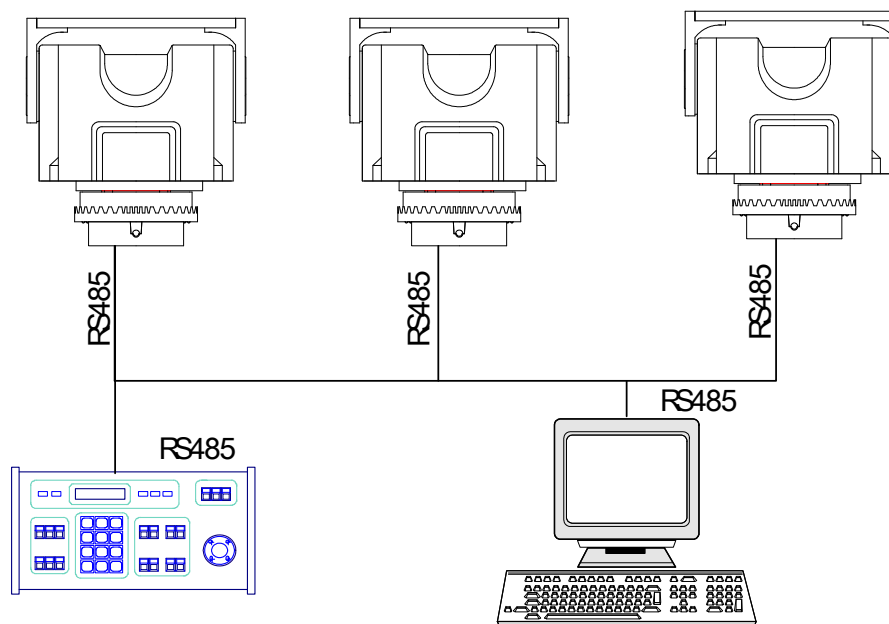
The DIP-10 of SW1 is used to select 120Ω terminal resistor. In order to remove the reflection of echo wave in communication circuit, you can connect a 120Ω terminal resistor in parallel between 485+ and 485- of the Dome (set the selection bit of 120Ω terminal resistor at ON). The standard of RS485 industrial bus requires all equipment should be connected in daisy-chain style and both ends should be connected with 120Ω terminal resistor (see Figure 5). The simplified connection can be done as Figure 6 but distance “D” couldn’t be larger than 7 meters.



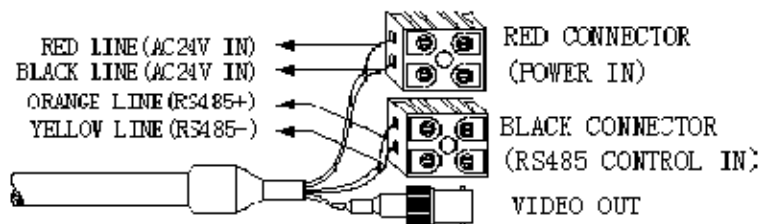
III . Dimension:



IV . The facility system connection:



V . Description of the line out:



- Red: DC12V
- Black: GND
- Orange: ZOOM
- Blue: FOCUS
- Pink: IRIS
- White: COM

- White: VIDEO+
- Black: VIDEO-

LENS CONTROL

