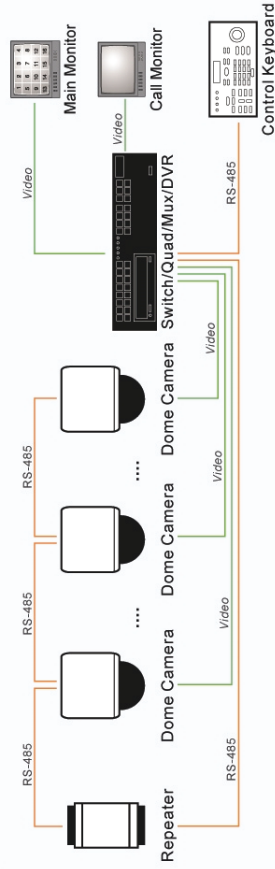


This quick guide is a reference for users to install and operate the Dome Camera quickly, and thus only provides information on the Dome Camera's basic settings and operation. Before attempting to connect, configure and operate the Dome Camera, please read its Installation Guide and User Manual thoroughly.

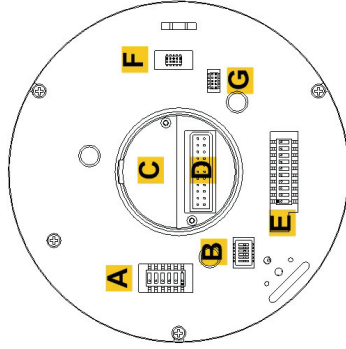
System Configuration



Standard Package

- Dome Camera
- Data Cable (AC 24V or DC 12V)
- Mounting Accessories (Hard Ceiling Mount, Fixing Plate and M3 Screwx1)
- Quick Guide (Contains general Dome Camera setups information)
- CD (Contains all operation manuals)

Switch Definition



A	Camera Control Protocol Switch
B	Communication Switch
C	None
D	22-Pin Connector
E	ID Switch
F	Reserved
G	ISP Connector (for FW upgrade)

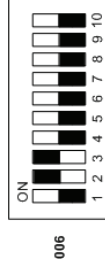
Communication Switch Setting

The table below shows the definition of each switch of the Communication Switch on the Dome Camera's back plate.

Communication Switch	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6
RS-485 Setting	Termination	Line Lock	Factory Default Reset	Camera Upgrade		
	Half-duplex			Full-duplex		

Camera ID Setup

Please assign an ID number to a Speed Dome Camera if there is more than one Speed Dome Camera in the same network. The camera's ID can be setup using the 10-bit ID dip switch, which is located on the Dome Camera's back plate. If the Dome Camera's ID number is 6, for instance, the ID switch should be set with SW-2 and SW-3 at "ON" position and the rest at "OFF" position as shown below. Dip switch configuration for ID No. 0~10 are listed in the table below. For complete ID setups, please refer to the Mini Speed Dome Camera's User Manual.



ID No.	Switching Setting									
	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10
0	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
1	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
3	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
4	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
5	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
6	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
7	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
8	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
9	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
10	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF

Camera Protocol Setup

Refer to the table below and select one set of protocol and baud rate you would like to use basing on the control device; then adjust the protocol switch on the Dome Camera's back plate by setting the 6-bit protocol dip switch. If you select protocol Pelco D, which is of switch No. 01 and baud rate 2400, for instance, please set SW-1 to "ON" position and the rest to "OFF" position as shown below.

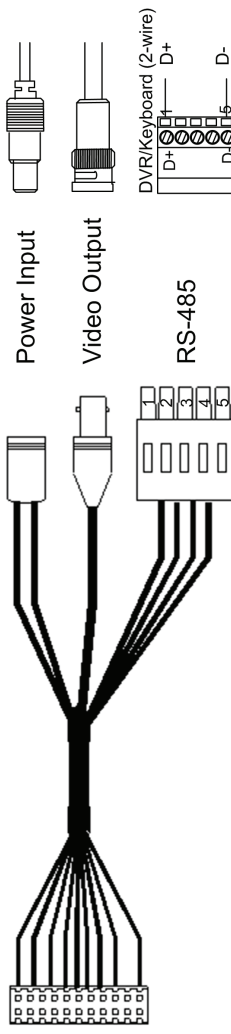


Switch No.	Protocol	Baud Rate						Switch Setting						
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	
00	VCL	9600	2400	4800	9600	9600	4800	OFF	OFF	OFF	OFF	OFF	OFF	OFF
01	Pelco D	2400	4800	9600	9600	4800	DM P	ON	OFF	OFF	OFF	OFF	OFF	OFF
02	Pelco P	4800	9600	9600	4800	DM P	Pelco D	OFF	ON	OFF	OFF	OFF	OFF	OFF
04	Chiper	9600	9600	4800	DM P	Pelco D	Chiper	OFF	OFF	ON	OFF	OFF	OFF	OFF
05	Phillips	9600	9600	4800	DM P	Pelco D	Phillips	ON	OFF	ON	OFF	OFF	OFF	OFF
07	DSCP	9600	9600	4800	DM P	Pelco D	DSCP	ON	ON	ON	OFF	OFF	OFF	OFF
08	AD422	4800	DM P	Pelco D	AD422	DM P	AD422	OFF	OFF	OFF	ON	OFF	ON	OFF
09	DM P	9600	4800	Pelco D	DM P	DM P	DM P	ON	OFF	OFF	ON	OFF	ON	OFF
11	Pelco D	4800	Pelco D	Pelco P	Pelco D	Pelco D	Pelco D	ON	ON	OFF	ON	OFF	ON	OFF
12	Pelco D	2400	Pelco P	Pelco P	Pelco P	Pelco P	Pelco D	OFF	OFF	ON	ON	ON	ON	OFF
13	Pelco P	9600	Pelco P	Pelco P	Pelco P	Pelco P	Pelco P	OFF	OFF	ON	ON	ON	ON	OFF
14	Pelco P	9600	JVC	Kalatel-485	Kalatel-422	Panasonic	Pelco P	ON	ON	ON	ON	ON	ON	OFF
15	JVC	9600	Kalatel-485	Kalatel-422	Panasonic	Panasonic	Pelco P	ON	ON	ON	ON	ON	ON	OFF
21	Kalatel-485	9600	Kalatel-422	Panasonic	Panasonic	Panasonic	Pelco P	ON	ON	ON	ON	ON	ON	OFF
22	Kalatel-422	4800	Panasonic	Panasonic	Panasonic	Panasonic	Pelco P	ON	ON	ON	ON	ON	ON	OFF
23	Panasonic	19200	Panasonic	Panasonic	Panasonic	Panasonic	Pelco P	ON	ON	ON	ON	ON	ON	OFF

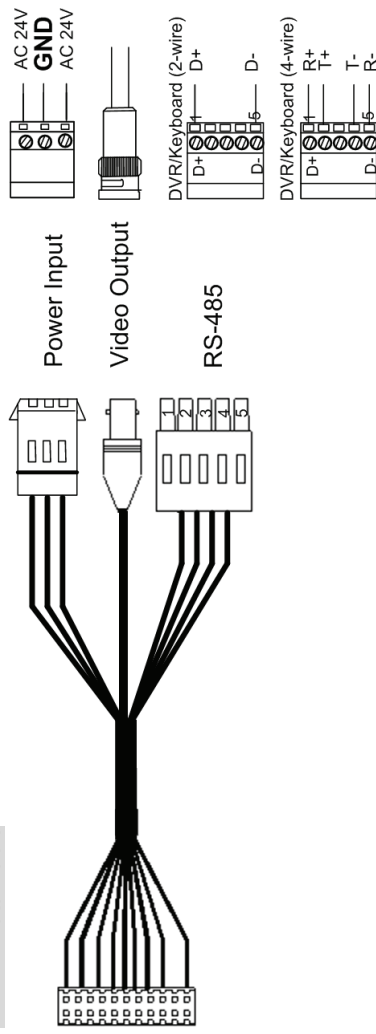
Data Cable and Connector Definition

The Dome Camera is equipped with one Data Cable, either of DC 12V or AC 24V. Please refer to the illustrations below for function and definition of each connector before wiring.

DC 12V Data Cable



AC 24V Data Cable



22-Pin Connector Definition

When cabling, please refer to the table below for pin definition of the Data Cable's 22-pin connector on the Data Cable.



Pin	Definition	Cable
1	AC 24-1/DC (+)	20AWG/18AWG
2	ALM NC	
3	AC 24-2/DC (-)	20AWG/18AWG
4	ALM NO	
5	FG	20AWG/18AWG
6	ALM COM	
7	T+	24AWG
8	R-	
9	T-	
10	R+	
11	ISOG	
12	ALM-1	
13	ALM-3	
14	ALM-2	
15	ALM-4	
16	ALM-5	
17	ALM-6	
18	ALM-7	
19	ALM-8	
20	ALM GND	
21	VGND	20AWG
22	Video	



NOTE:

1. Input electricity to the unit is at tolerance of DC 12V/AC 24V \pm 10%.
2. When wiring the AC 24V power cable, make sure the **Ground** wire is inserted into the mid-pin of the terminal block.