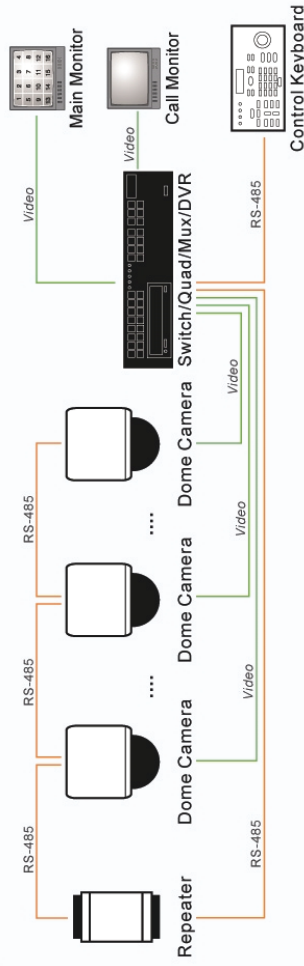


This quick guide is a reference for users to install and operate the Dome Camera quickly, and thus only provides information on the Dome Camera's basic settings and operation. Before attempting to connect, configure and operate the Dome Camera, please read its Installation Guide and User Manual thoroughly.

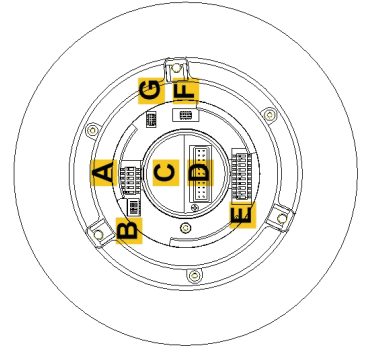
System Configuration



Standard Package

- Dome Camera
- Dome Cover
- Data Cable (AC 24V)
- Waterproof Rubber
- M3/M5 Standard/Security Screws (For fixing the outdoor Dome Camera's cover/top holder)
- Security Torx
- Lubricant (For cover installation)
- 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

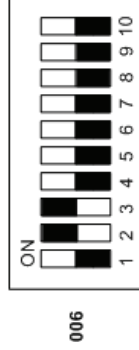
The table below shows the definition of each switch of the Communication Switch on the Dome Camera's back plate.

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

RS-485 Setting	
Half-duplex	
Full-duplex	

Camera ID Setup

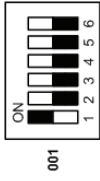
Please assign an ID number to a Speed Dome Camera if there is more than one Speed Dome Camera in the same network. The camera's ID can be setup using the 10-bit ID dip switch, which is located on the Dome Camera's back plate. If the Dome Camera's ID number is 6, for instance, the ID switch should be 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	ON	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
00	VCL	9600	OFF	OFF	OFF	OFF	OFF	OFF
01	Pelco D	2400	ON	OFF	OFF	OFF	OFF	OFF
02	Pelco P	4800	OFF	ON	OFF	OFF	OFF	OFF
04	Chiper	9600	OFF	OFF	ON	OFF	OFF	OFF
05	Philips	9600	ON	OFF	ON	OFF	OFF	OFF
07	DSCP	9600	ON	ON	ON	OFF	OFF	OFF
08	AD422	4800	OFF	OFF	OFF	ON	OFF	OFF
09	DM P	9600	ON	OFF	OFF	ON	OFF	OFF
11	Pelco D	4800	ON	ON	OFF	ON	OFF	OFF
12	Pelco D	9600	OFF	OFF	ON	ON	OFF	OFF
13	Pelco P	2400	ON	OFF	ON	ON	OFF	OFF
14	Pelco P	9600	OFF	ON	ON	ON	OFF	OFF
15	JVC	9600	ON	ON	ON	ON	OFF	OFF
21	Kalatel-485	9600	ON	OFF	ON	OFF	ON	OFF
22	Kalatel-422	4800	OFF	ON	ON	OFF	ON	OFF
23	Panasonic	19200	ON	ON	ON	ON	OFF	OFF

22-Pin Connector Definition

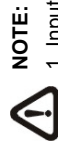
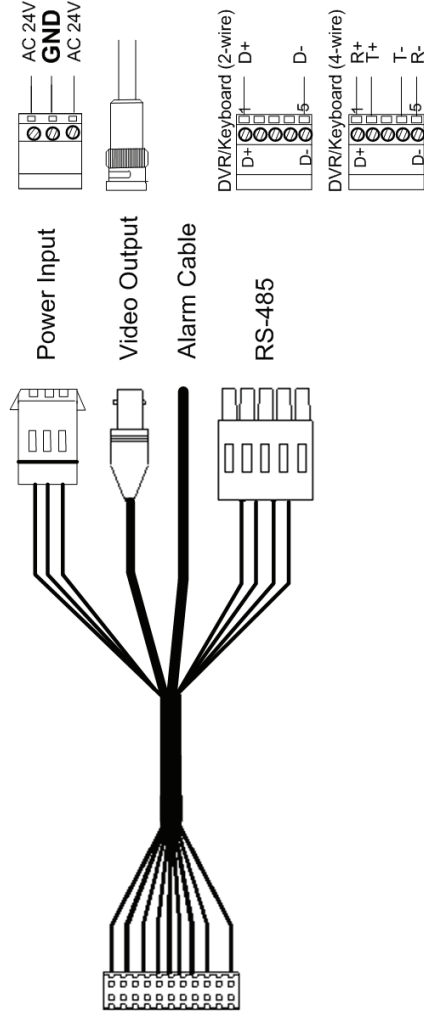
When cabling, please refer to the table below for pin definition of the Data Cable's 22-pin connector on the Data Cable.



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	

Data Cable and Connector Definition

The Dome Camera is equipped with one AC 24V Data Cable. Please refer to the illustration below for function and definition of each connector before wiring.



NOTE:

1. Input electricity to the unit is at tolerance of 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.