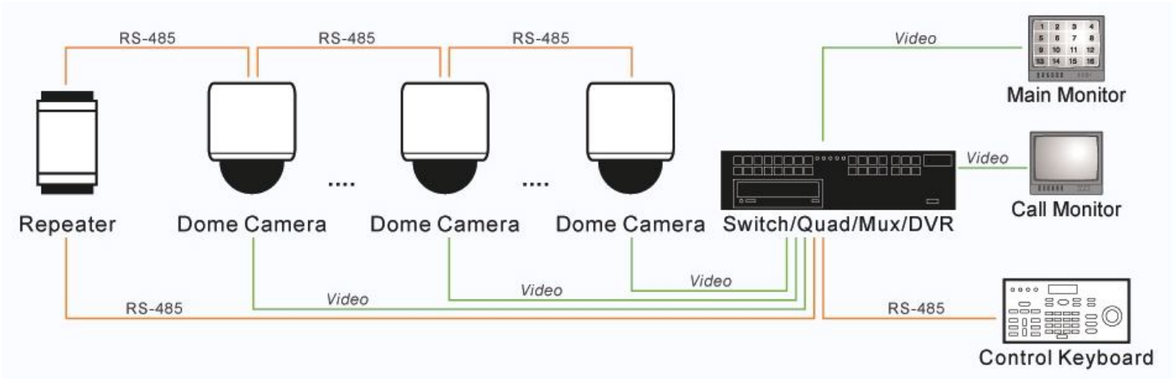
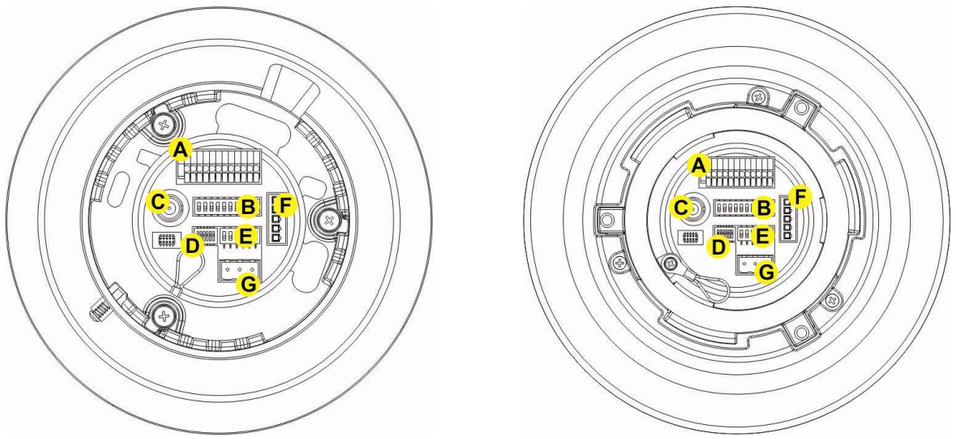
Integrated High Speed Dome Camera Quick Guide

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

System Configuration



Switch Definition



Indoor

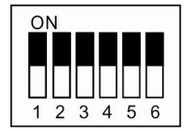
Outdoor

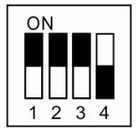
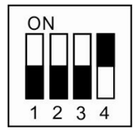
Item	Definition	Remark
A	I/O	ALARM I/O
B	ID	Dome Camera ID Setup DIP Switch
C	BNC	BNC Video Output
D	SETTING	Communication Switch Setting
E	Protocol	Camera Control Protocol Setting
F	RS485	RS485 Connector
G	AC24V Connector	Power connector

Please kindly check the pin definition of the Power Connector listed above before connecting to the power source. The AC24V power source should be connected to the **first** and **third** pin. The unit might be damaged with wrong connection.

Communication Switch Setting

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

Communication Switch		
	**SW 1**	RS-485 Setting
	SW 2	
	SW 3	
	SW 4	
	SW 5	Reserved
	SW 6	Reserved

RS-485 Setting	
Half-duplex	**Full-duplex**
	

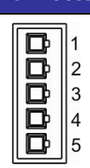
ID Setting

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

ID No.	Switch 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	OFF	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

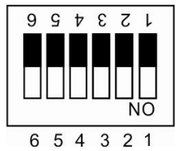
RS485 Connector Definition

Please refer to the illustrations below for RS485 connector definition before wiring.

RS485 Connector		
	**SW 1**	R-
	SW 2	GND
	SW 3	R+
	SW 4	T-
	SW 5	T+

Camera Control Protocol Setting

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 Camera's back plate. For instance, to setup protocol Pelco D/ Baud Rate 2400, which is Switch No. 01, the Switch SW 1 should be set to "ON", and the rest Switches should be set to "OFF".



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	OFF	ON	OFF

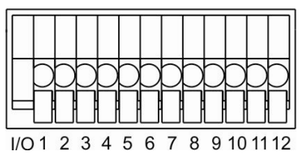
Power Connector Definition

Please refer to the illustrations below for power connector definition before wiring.

SW 1	AC24V_1
SW 2	GND
SW 3	AC24V_2

Alarm I/O Connector Definition

When cabling, please refer to the pin definition as below for alarm system alarm.



SW 1	ALARM_OUT_NO_1	**SW 7**	ALARM_OUT_COM_2
SW 2	ALARM_OUT_NC_1	**SW 8**	GND
SW 3	ALARM_OUT_COM_1	**SW 9**	ALARM_IN_4
SW 4	GND	**SW10**	ALARM_IN_3
SW 5	ALARM_OUT_NO_2	**SW11**	ALARM_IN_2
SW 6	ALARM_OUT_CN_2	**SW12**	ALARM_IN_1

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Quick Guide

Ver 1.3