

[Support Package]

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Product	ACD2100,ACD2200		
Purpose	How to connect speed dome via video server?		
Support URL	http://www.acti.com/support		
Tech Support	Customer.service@acti.com		
MSN Messenger ID	Customer.service@acti.com		

How to connect speed dome via Video Server

Table of Contents

DEPLOYMENT DIAGRAM	3
STEP 1: CHECK VIDEO SERVER SERIAL PORT MODE	6
STEP 2: CONNECT THE RS-485 TO THE VIDEO SERVER	7
STEP 3: CONNECTION TO THE SPEED DOME	8
STEP 4: CHECK THE RS-485 PIN CONNECTION	9
STEP 5: RS232/RS422 CONNECTION	10
STEP 6: CONFIGURE SPEED DOME ADDRESS ID AND BAUD RATE	12
STEP 7: CONFIGURE NVR PTZ SETTING	14

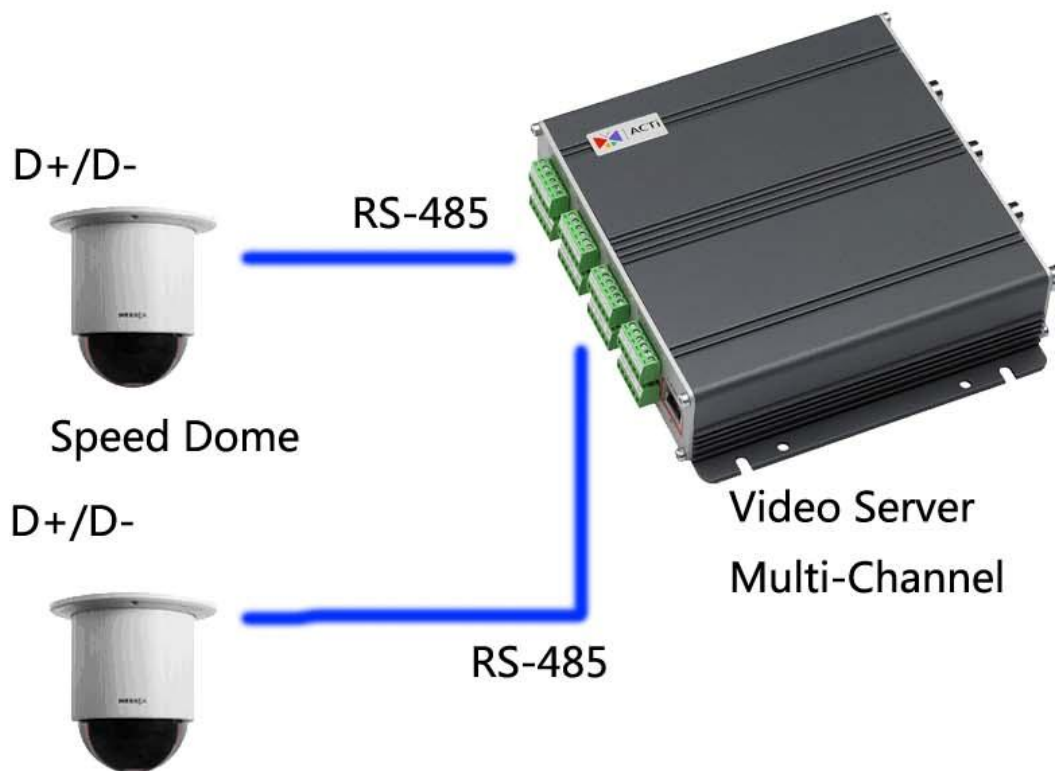
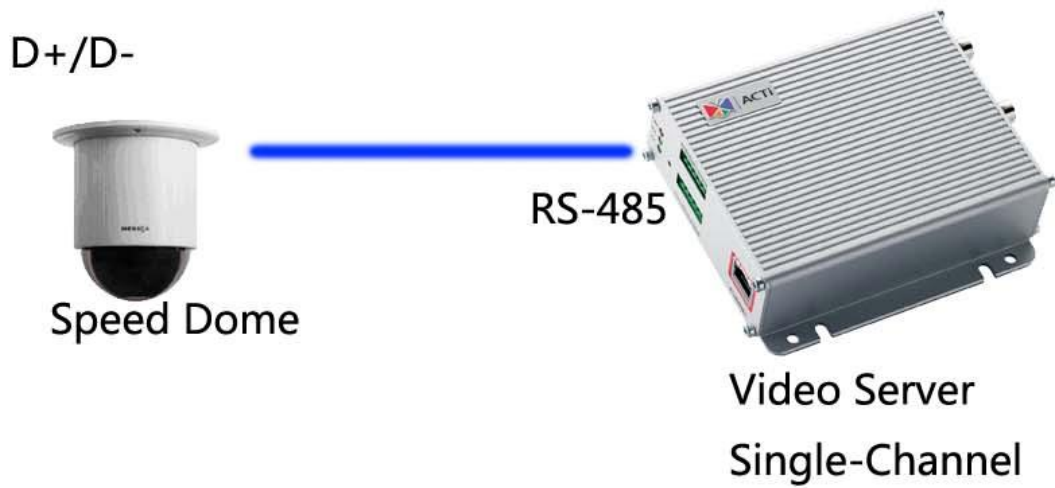
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STEP 8: OPERATE PTZ OPERATION VIA NVR

15

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Deployment Diagram



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Speed Dome Camera

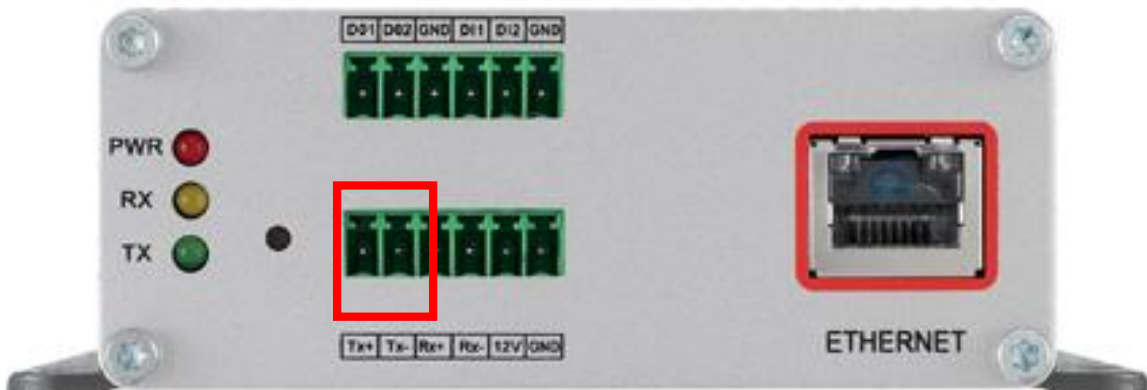


ACD-2100 (Single-Channel Video Server)

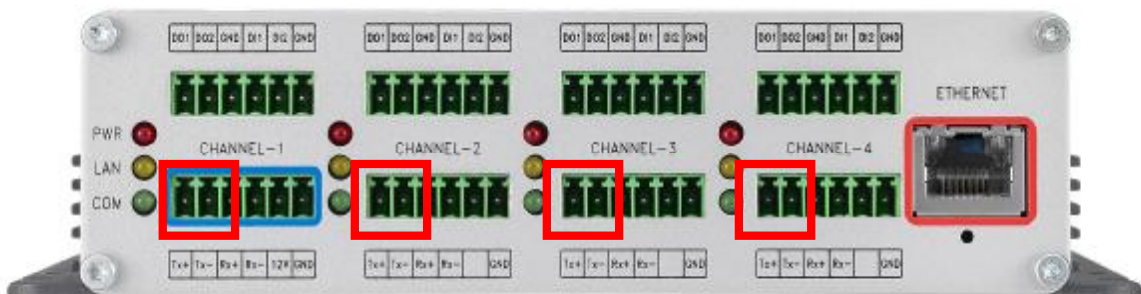
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ACD-2200 (Multi-Channel Video Server)



RS-485 Port (Single-Channel)



Every channel' s RS-485 Port (Multi-Channel)

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Step 1: Check Video Server Serial Port Mode



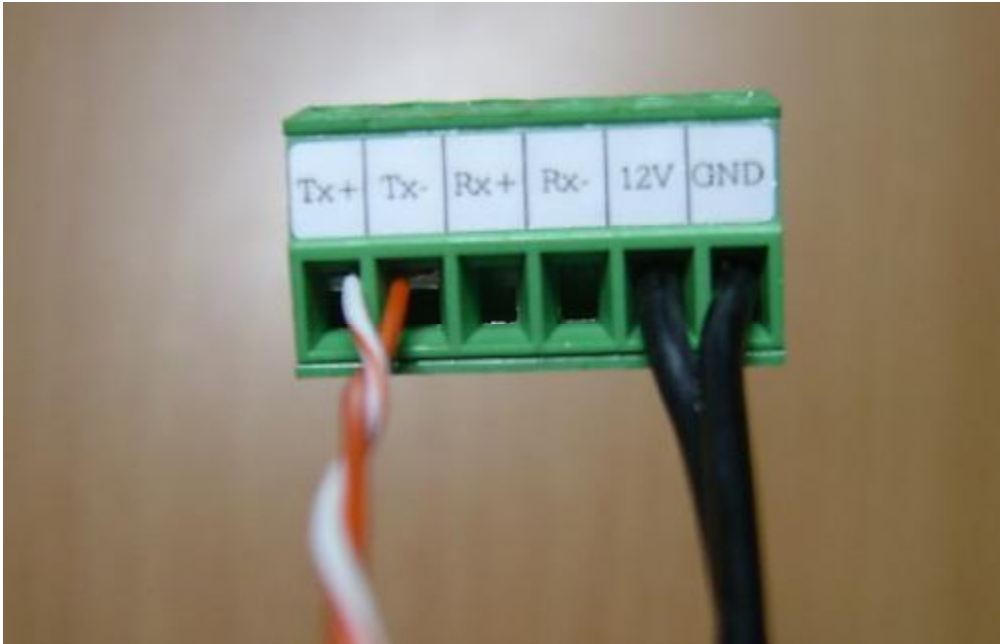
RS-485/422 Mode (Default)



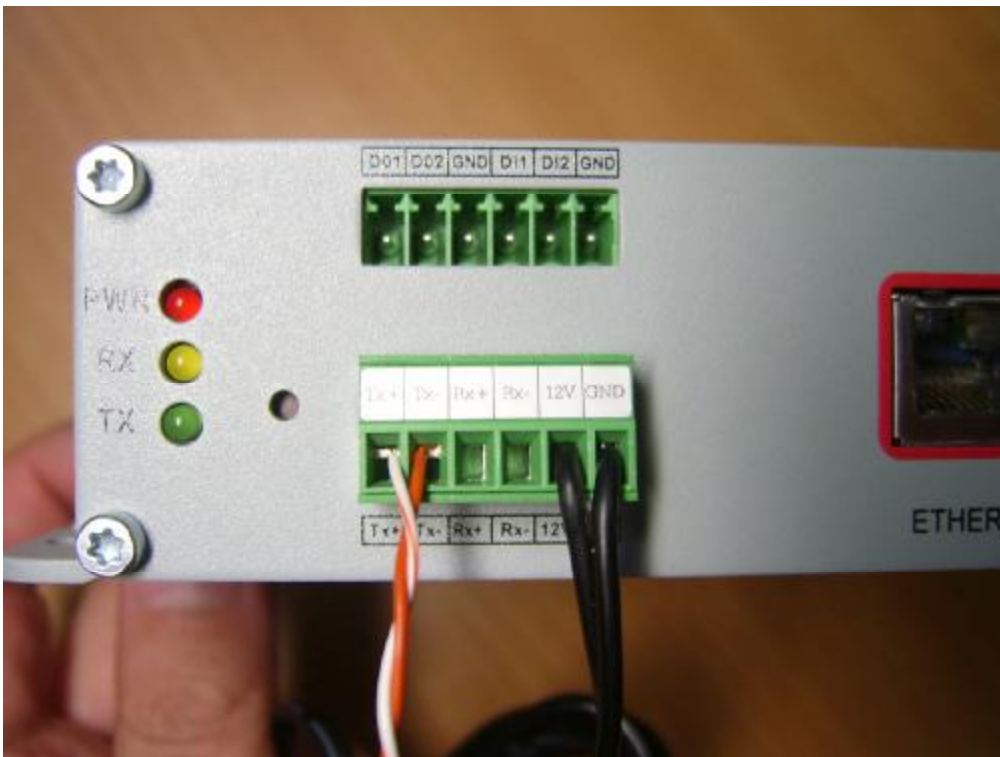
RS-232 Mode

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Step 2: Connect the RS-485 to the Video Server

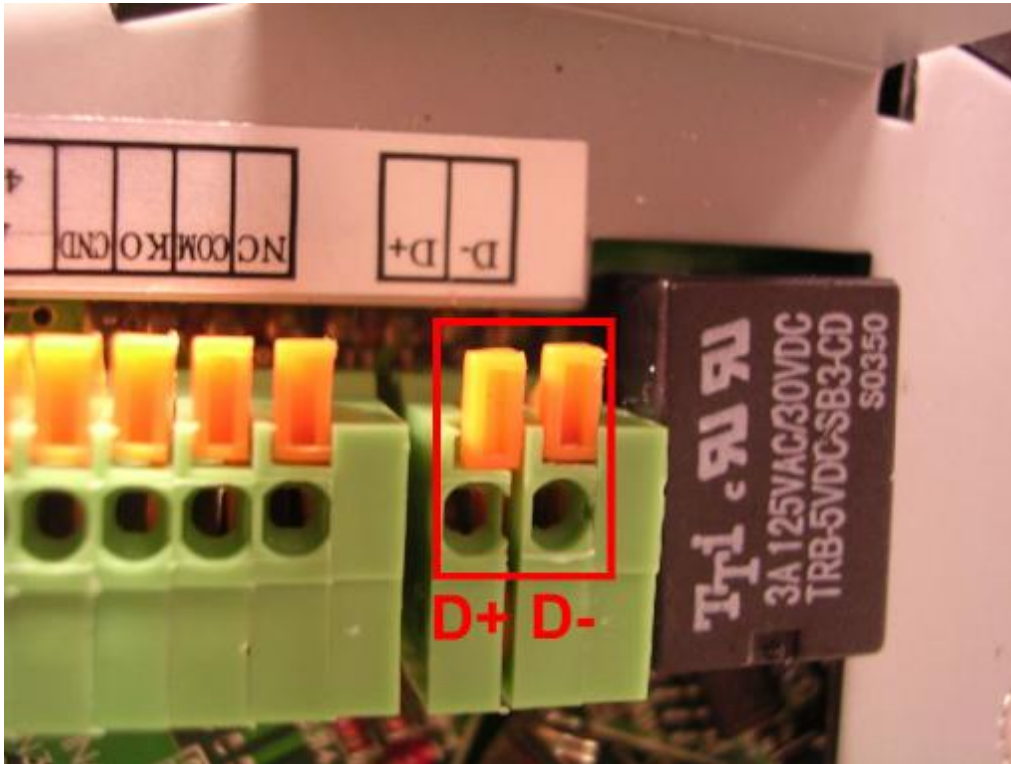


RS-485 Cable Connect to terminal block



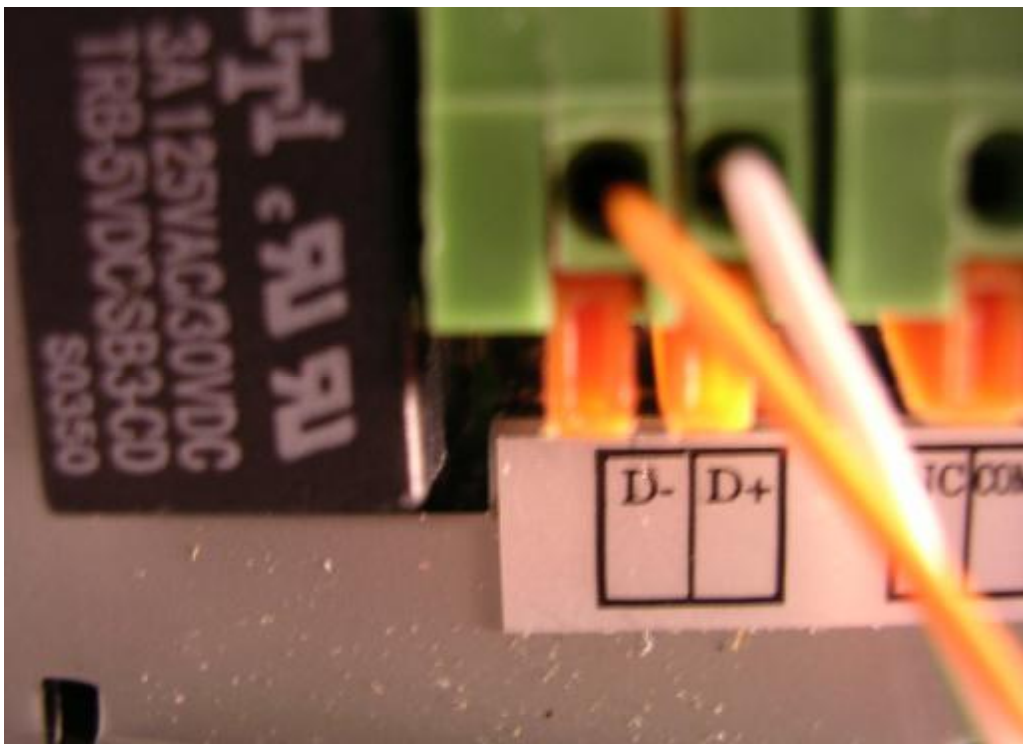
Connect to Video Server (RS485)

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Speed Dome D+/D-

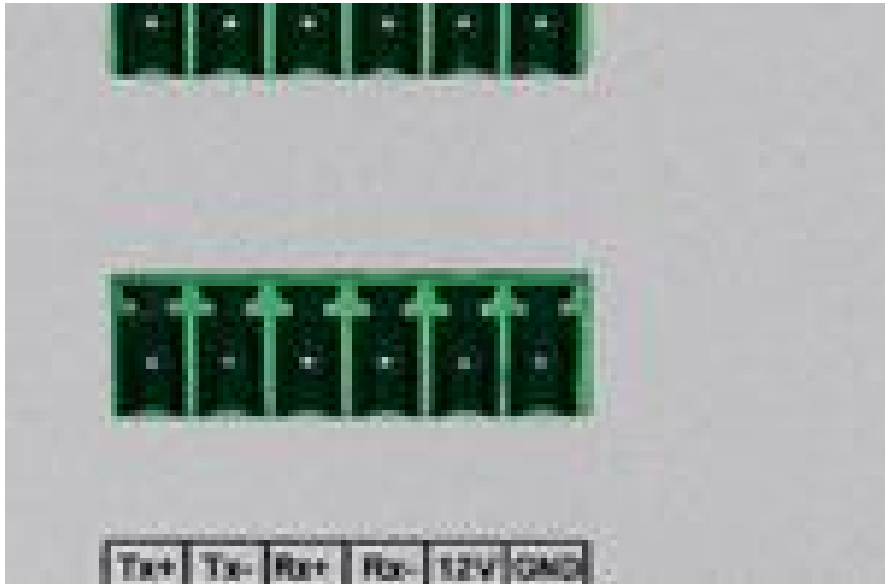
Step 3: Connection to the speed dome



Connect to Speed Dome D+/D-

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Step 4: Check the RS-485 pin connection



Pin 1~4: RS232/422/485. Default mode is RS-485

Pin 5~6: DC 12V power input



PIN	NAME	DESCRIPTION		
		RS-485	RS-422	RS-232
1	Tx+	D+	Tx+	Tx
2	Tx-	D-	Tx-	
3	Rx+		Rx+	Rx
4	Rx-		Rx-	
5	12V	Power Input (DC +12V)		
6	GND	Power GND/RS232 GND		

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Step 5: RS232/RS422 Connection



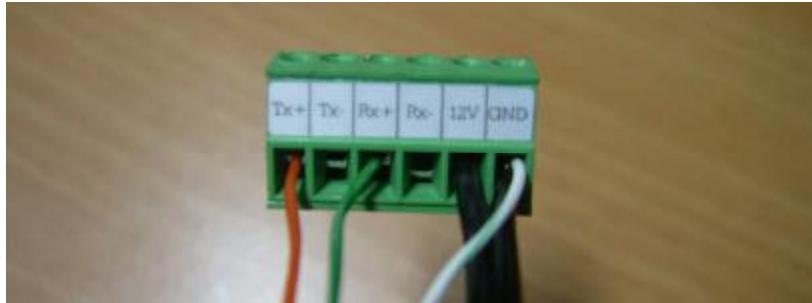
RS-422 Cable Connect to terminal block



Connect to Video Server (RS422)

Video Server	Speed Dome
Tx+	Tx+
TX-	TX-
RX+	RX+
RX-	RX-

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RS-232 Cable Connect to terminal block



Connect to Video Server (RS232)



DIP Switch to RS232 Mode

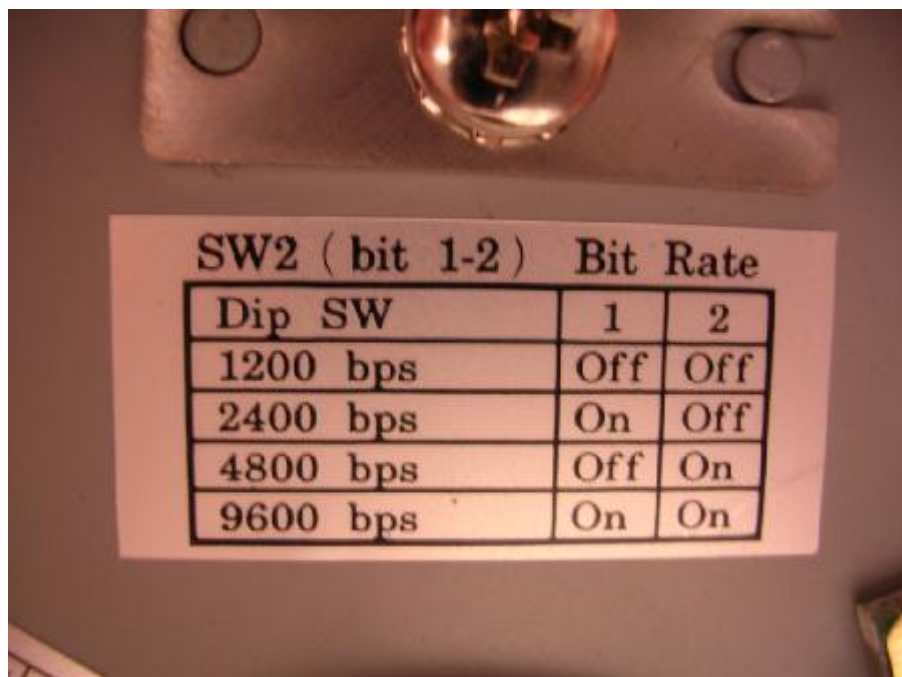
Video Server	Speed Dome
Tx+	Tx
RX+	RX
GND	GND

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Step 6: Configure Speed Dome address ID and baud rate

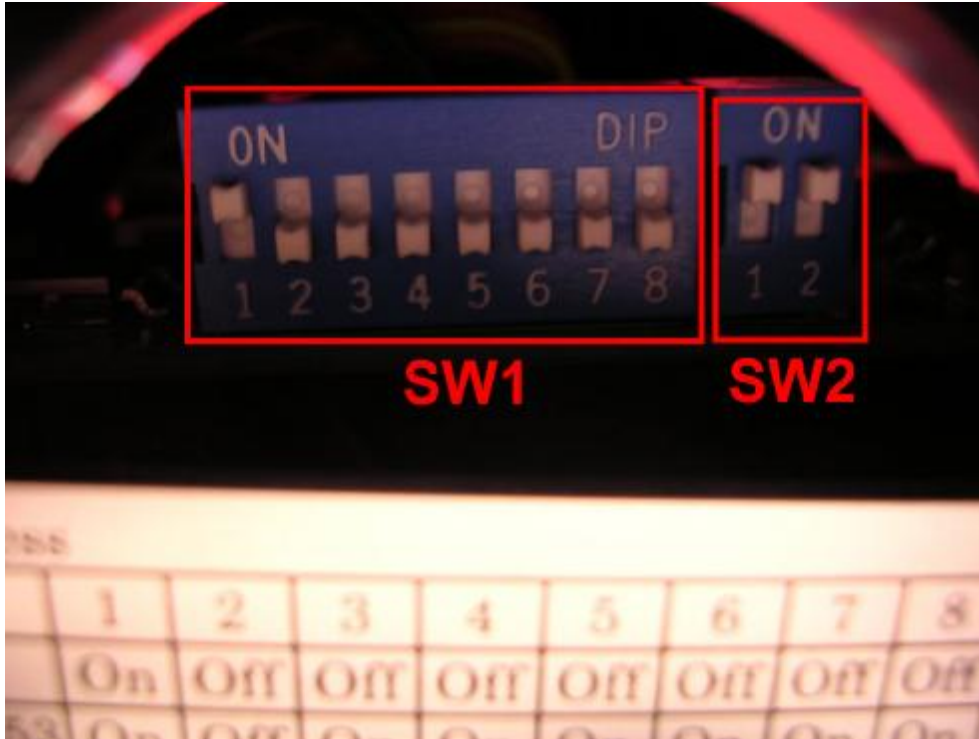


SW1 Change Address



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SW2 change band rate

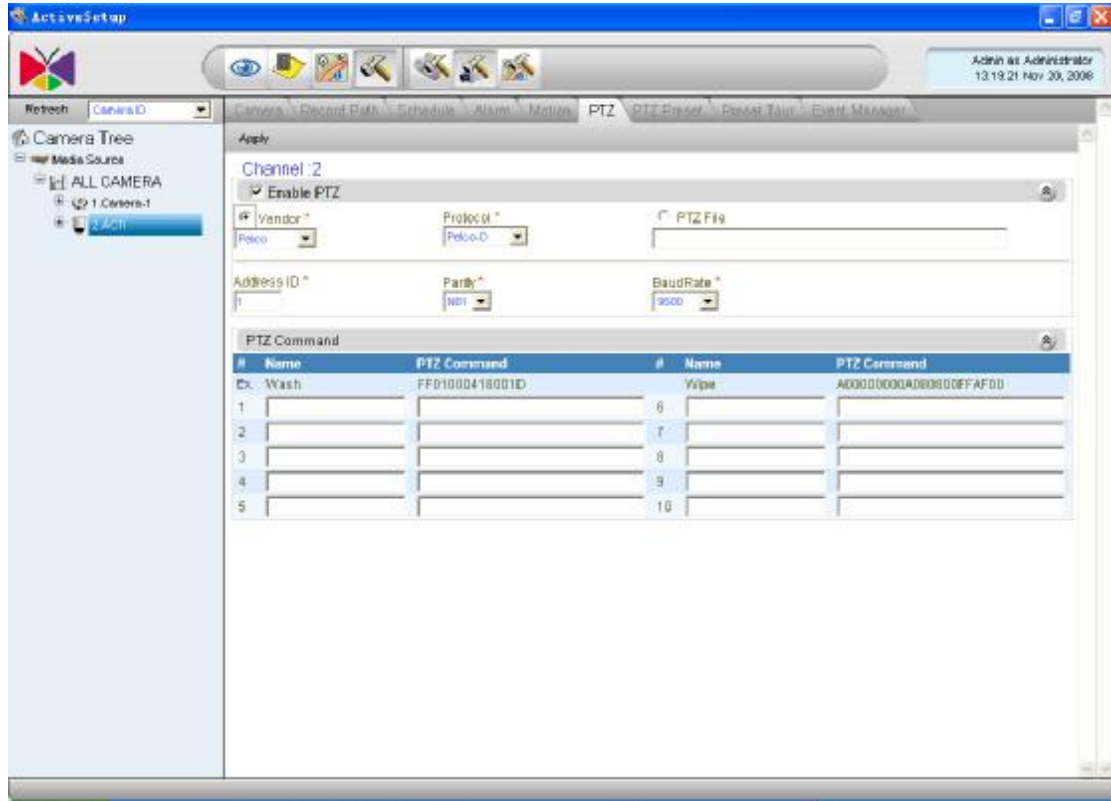


SW1 and SW2

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Step 7: Configure NVR PTZ setting

Enable PTZ function, then enter these information from your Speed Dome.



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Step 8: Operate PTZ operation via NVR

Now, you can choose Up/Down/Right/Left Zoom in/out to control your Speed Dome.

