Panasonic Unitized Dome Camera **RS-485 Configuration**







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Configure the DVR

Configure

■ Mode Switch

RS485 interface is used to communicate between this unit and the PS-Data compatible system device. In this case, it is necessary to terminate both devices on both ends of the RS485 connection.

The settings of the mode switch will be different depending on whether this unit is used as a receiver or a controller. When an RS 485 camera is connected to this unit, it is necessary to terminate both devices on both ends of the connection.



Set the termination switch of the connected RS485 (CAMERA) port to ON.

Connected to the RS485 (CAMERA) port 1: Set the RS485 (1) termination switch to ON.

Connected to the RS485 (CAMERA) port 2: Set the RS485 (2) termination switch to ON.

· For 2-wire communication

Connected to the RS485 (CAMERA) port 1: Set the switch No.2 and No.3 to ON. Connected to the RS485 (CAMERA) port 2: Set the switch No.5 and No.6 to ON.

. For 4-wire communication

Connected to the RS485 (CAMERA) port 1: Set the switch No.2 and No.3 to OFF Connected to the RS485 (CAMERA) port 2: Set the switch No.5 and No.6 to OFF

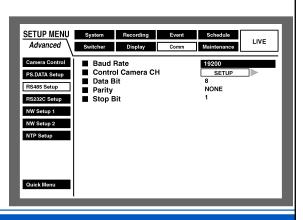


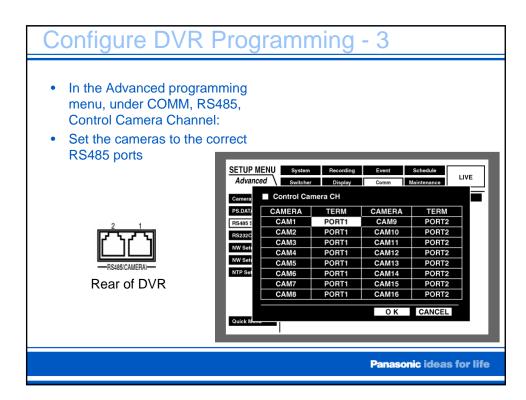
Switcher Display Comm Maintenance TYPE RS485 Setup CAM1 COAX CAM9 CAM2 COAX CAM10 PSD RS232C Setup САМЗ COAX CAM11 NW Setup 1 CAM4 COAX CAM12 NW Setup 2 CAM5 COAX CAM13 CAM6 COAX CAM14 NTP Setup CAM7 COAX CAM15 CAM8 COAX CAM16

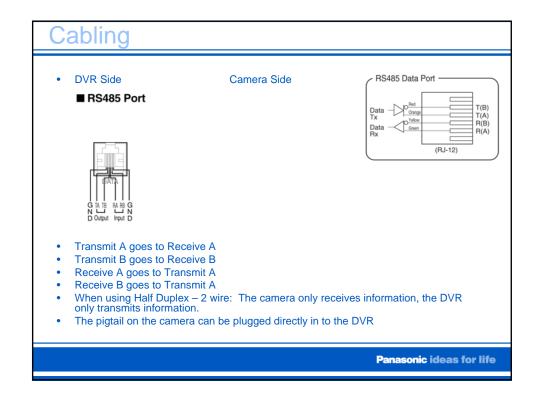
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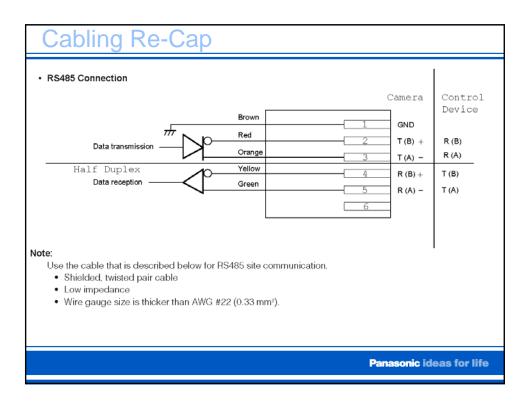


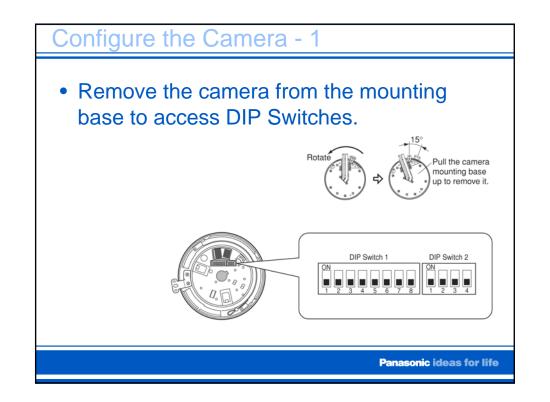
- In the Advanced programming menu, under COMM, RS485:
- Configure the correct Baud Rate.

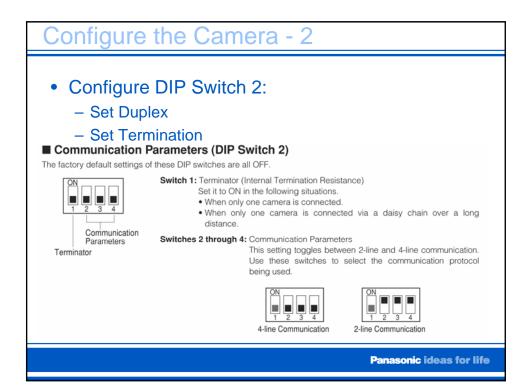






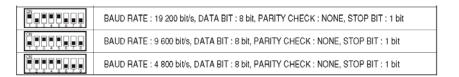






Configure the Camera - 3

 Configure DIP Switch 1 for the correct Baud rate



 Power the camera on and wait until the self-check routine finishes.

Configure the Camera - 4

- Re-configure DIP Switch 1 for the correct unit number. See the manual for DIP switch settings.
- Power the camera on and wait until the self-check routine finishes.
- Note: If using Pelco-P protocol, Switch 6 & 8 (See page 13)
- If using AD Manchester protocol, swap Switch 7 & 8 (See page 14).

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Wireless and other transmission media

- It is recommended that you configure the system wired directly to the DVR.
- Once you have the system up and running, then proceed to introduce the wireless, fiber, etc.
- Don't forget any other transmission media is just emulating a straight through cable!!

AD Protocol	DIP SW 1 UNIT#		DIP SW 1	UNIT#	DIP SW 1	UNIT#		
	00000010	64	01101010	22	00110110	44		
	10000010	1	11101010	23	10110110	45		
	01000010	2	00011010	24	01110110	46		
	11000010	3	10011010	25	11110110	47		
	00100010	4	01011010	26	00001110	48		
	10100010	5	11011010	27	10001110	49		
	01100010	6	00111010	28	01001110	50		
	11100010	7	10111010	29	11001110	51		
	00010010	8	01111010	30	00101110	52		
	10010010	9	11111010	31	10101110	53		
	01010010	10	00000110	32	01101110	54		
	11010010	11	10000110	33	11101110	55		
	00110010	12	01000110	34	00011110	56		
	10110010	13	11000110	35	10011110	57		
	01110010	14	00100110	36	01011110	58		
	11110010	15	10100110	37	11011110	59		
	00001010	16	01100110	38	00111110	60		
	10001010	17	11100110	39	10111110	61		
	01001010	18	00010110	40	01111110	62		
	11001010	19	10010110	41	11111110	63		
	00101010	20	01010110	42				
	10101010	21	11010110	43				
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alaa D Drataaal	CAMERA	(LSB)		DIP SW		(MSB)		SB)
elco-P Protocol	ADDRESS	1	2	3	4	5	6	7	8
	1 ch	1	0	0	0	0	1	0	0
	2 ch	0	1	0	0	0	1	0	0
	3 ch	1	1	0	0	0	1	0	0
	4 ch	0	0	1	0	0	1	0	0
	5 ch	1	0	1	0	0	1	0	0
	6 ch	0	1	1	0	0	1	0	0
	7 ch	1	1	1	0	0	1	0	0
	8 ch	0	0	0	1	0	1	0	0
	9 ch	1	0	0	1	0	1	0	0
	10 ch	0	1	0	1	0	1	0	0
	11 ch	1	1	0	1	0	1	0	0
	12 ch	0	0	1	1	0	1	0	0
	13 ch	1	0	1	1	0	1	0	0
	14 ch	0	1	1	1	0	1	0	0
	15 ch	1	1	1	1	0	1	0	0
	16 ch	0	0	0	0	1	1	0	0
	17 ch	1	0	0	0	1	1	0	0
	18 ch	0	1	0	0	1	1	0	0
	19 ch	1	1	0	0	1	1	0	0
	20 ch	0	0	1	0	1	1	0	0
	21 ch	1	0	1	0	1	1	0	0
	22 ch	0	1	1	0	1	1	0	C
	23 ch	1	1	1	0	1	1	0	0
	24 ch	0	0	0	1	1	1	0	0
	25 ch	1	0	0	1	1	1	0	0
	26 ch	0	1	0	1	1	1	0	0
	27 ch	1	1	0	1	1	1	0	0
	28 ch	0	0	1	1	1	1	0	0
	29 ch	1	0	1	1	1	1	0	0
	30 ch	0	1	1	1	1	1	0	0
	31 ch	1	1	1	1	1	1	0	0
	32 ch	0	0	0	0	0	1	0	0