

PELCO OPERATION BY PIH-7622/35

LILIN PIH-7622/7635 Fast Dome Set Up :

RS-485 Interface Setting and DIP SWITCH Setting :

(Please refer to PIH-7622/35 Instruction manual > Fast Dome Camera Set Up > DIP Switch Setting)

1. RS-485 IN-TML RES. : RS-485 Input Terminal Resistance ON/OFF
2. RS-485 OUT-TML RES. : RS-485 Output Terminal Resistance ON/OFF
3. HALF / FULL : HALF means 2-Line HALF DUPLEX; FULL means 4-Line FULL DUPLEX
4. BAUD SEL1 : BAUD Rate Selection 1
5. BAUD SEL2 : BAUD Rate Selection 2
6. PROTOCOL SEL1 : Protocol Selection 1
7. PROTOCOL SEL2 : Protocol Selection 2
8. PROTOCOL SEL3 : Protocol Selection 3
9. PROTOCOL SEL4 : Protocol Selection 4
10. Reserved

● RS-485 Input/Output Terminal Resistance Setting

☞ In serial system, MUST turn the Dip Switch of RS-485 input/output terminal resistance to ON position.

☞ In parallel system, MUST turn the resistance of the first and last terminal to ON position, and the resistance of nodes in-between to OFF position. This will insure the transmission interface in best condition. ◦

● RS-485 Transmission Mode Selection

DIP SWITCH	3
2-Line HALF DUPLEX (HALF)	OFF
4-Line HALF DUPLEX (FULL)	ON

● Transmission Rate Selection

BAUD RATE SELECTION		
DIP SWITCH	5	4
2400 bps	ON	ON
4800 bps	ON	OFF
9600 bps	OFF	ON
19200 bps	OFF	OFF

.Protocol Selection

PROTOCOL SELECTION				
DIP SWITCH	9	8	7	6
MLP2 (MERIT LILIN Protocol 2)	ON	ON	ON	ON
MLP1 (MERIT LILIN Protocol 1)	ON	ON	ON	OFF
PELCO D	ON	ON	OFF	ON
PELCO P	ON	ON	OFF	OFF

Note : MLP1 (MERIT LILIN Protocol 1) applies in PIH-717/PIH-700/PIH-7600/PIH-7625 series.

MLP2 (MERIT LILIN Protocol 2) applies in PIH-7603/PIH-7610/PIH-7622/PIH-7635 series.

● RS-485 Interface ON/OFF Setting

DIP SWITCH	10	9	8	7	6	5	4	3	2	1
MLP2 Version	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON
MLP1 Version	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON
PELCO D	OFF	ON	ON	OFF	ON	ON	ON	▲	▲	▲
PELCO P	OFF	ON	ON	OFF	OFF	▲	▲	▲	▲	▲

▲ : Please refer to the above instruction

● Dome Camera ID SW

PELCO D Protocol Using :

DIP SWITCH	8	7	6	5	4	3	2	1
CAMERA ID 1	ON	ON	ON	ON	ON	ON	ON	OFF
CAMERA ID 2	ON	ON	ON	ON	ON	ON	OFF	ON
CAMERA ID 3	ON	ON	ON	ON	ON	ON	OFF	OFF
CAMERA ID 4	ON	ON	ON	ON	ON	OFF	ON	ON
CAMERA ID 5	ON	ON	ON	ON	ON	OFF	ON	OFF

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CAMERA ID 253	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
CAMERA ID 254	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

PELCO P Protocol Using :

DIP SWITCH	8	7	6	5	4	3	2	1
CAMERA ID 1	ON	ON	ON	ON	ON	ON	ON	ON
CAMERA ID 2	ON	ON	ON	ON	ON	ON	ON	OFF
CAMERA ID 3	ON	ON	ON	ON	ON	ON	OFF	ON
CAMERA ID 4	ON	ON	ON	ON	ON	OFF	OFF	OFF
CAMERA ID 5	ON	ON	ON	ON	ON	OFF	ON	ON

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CAMERA ID 31	ON	ON	ON	OFF	OFF	OFF	OFF	ON
CAMERA ID 32	ON	ON	ON	OFF	OFF	OFF	OFF	OFF

OPERATION

PELCO D [MPT9500](#) Keyboard to Control PIH-7622 :

1. First enter the CAMERA ID to be called : “number” + **【RECV ADDRS】**.
2. MANUAL OPERATION :
 - Joystick Control : Move the Joystick to bring the PTZ to the desired view position.
 - ZOOM Control :
 - Push **【ZOOM WIDE】** : Zoom out (View angle becomes wider) , stops when the key released.
 - Push **【ZOOM TELE】** : Zoom in (View angle becomes narrower) , stops when the key released.
 - FOCUS Control :
 - Push **【FOCUS NEAR】** : The target will become nearer. Focusing stops when the key released.
 - Push **【FOCUS FAR】** : The target will become farer. Focusing stops when the key released.
 - IRIS Control :
 - Push **【IRIS OPEN】** : Open the iris and brighten the picture. Iris will stop when the key released.
 - Push **【IRIS CLOSE】** : Close the iris and reduce glare. Iris will stop when the key released.
3. RETURNING TO A PRESET :
 - Push **【Preset position number + PRESET GO】** , PTZ will move to the preset position.
4. PRESET NUMBER DEFINE :
 - PRESET 33 : FLIP
 - PRESET 34 : Return Home Position
 - PRESET 94 : Remote Reset
 - PRESET 95 : Menu Entry
 - PRESET 96 : Stop Auto-Pan
 - PRESET 99 : Startup Auto-Pan (execute auto mode item)
5. SETTING A PRESET :
 - Push **【Preset position number + PRESET SET】** , PTZ will store the current position and lens condition into memory.
6. Startup Auto-Pan :
 - Push **【PAN AUTO】** to execute auto mode item.
7. STOP Auto-Pan :
 - Move **【JOYSTICK】** to stop Auto-Pan function or push **【MANU PAN】** .
8. MENU MODE :
 - Push **【number 95 + PRESET SET】** to enter PTZ menu to do the settings.
 - Move the joystick “up” and “down” to selection function. Move the joystick “right” and “left” to change the settings. Push **【IRIS OPEN】** in menu homepage to store the setting changes or continue to another page. Push **【IRIS CLOSE】** in menu homepage to leave the settings.
8. Other settings please refer to LILIN instruction manual.