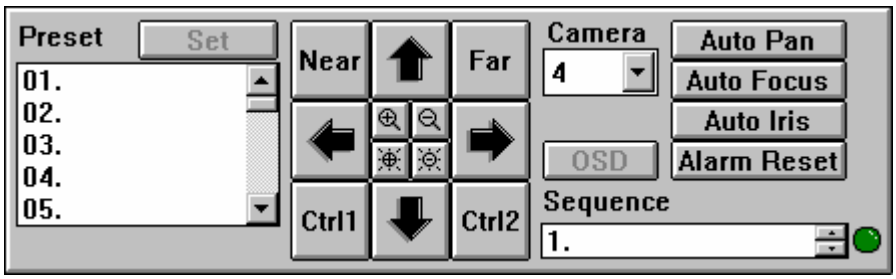
Appendix A

PTZ Control and Installation

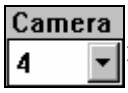
Control Speed dome (Kalatel)....1
Control Speed dome (Panasonic)....3
Control Speed dome (Kampro)....5
RS-485 Network Daisy chaining....8
PTZ wiring map for DVR....8
PELCO PTZ Installation Guide....9
VTC PTZ Installation Guide....9
KAMPRO PTZ Installation Guide....10
Kalatel KTD-312 Installation Guide....10
Panasonic Installation Guide....11
ISDN TA Settings for DVR....14

Control Speed dome (Kalatel)

Click the mouse right button to display or hide the control panel (Speed dome must be connected and ready).



Preset turning point:

1. 

: Select camera (up to 16 speed dome).
2.

In the Preset dialog box, select the point number.
3. Press to tilt ups the camera.
4. Press to tilt downs the camera.
5. Press to Pan right the camera.
6. Press to Pan Left the camera.
7. Press to Zoom in.
8. Press to Zoom out.
9. Press to smaller the Iris.
10. Press to larger the Iris.
11. Press

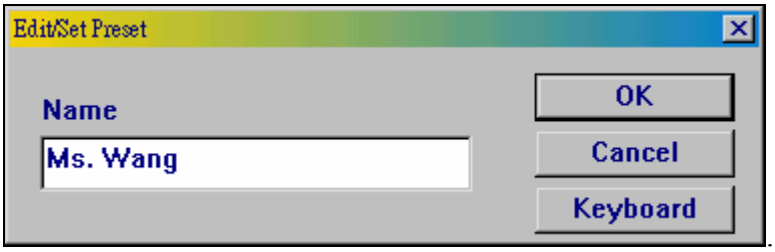
(FOCUS far).
12. Press

(FOCUS Near).
13. Press

to control output control 1.
14. Press

to control output control 2.

15. Press [Set] a setting dialog box will display



a. Press [Keyboard] a keyboard will display on screen.

b. Naming the point .

c. Press [OK] to accept the setting.

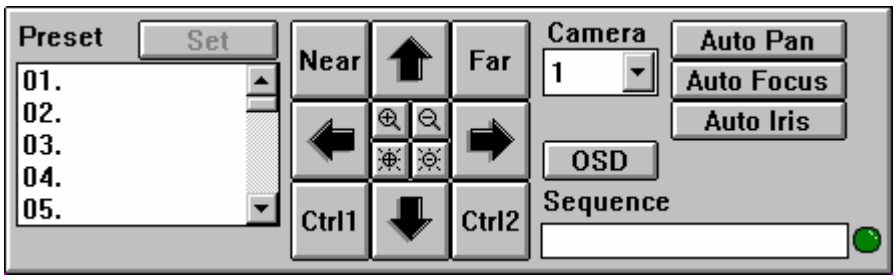
d. Press [Cancel] to cancel the setting.

Auto Mode setting:

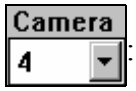
1. **Auto Pan**: Press [Auto Pan] to turn on (Led turn green) or turn off the auto pan.
2. **Auto Focus**: Press [Auto Focus] to turn on (Led turn green) the Auto focus. Press any button to turn off Auto Focus and become manual control camera's focus.
3. **Auto Iris**: Press [Auto Iris] to turn on (Led turn green) the Auto Iris. Press any button to turn off Auto Iris and become manual control camera's iris.
4. When alarm is occurs, press [Alarm Reset] to turn off alarm.

Control Speed dome (Panasonic)

Click the mouse right button to display or hide the control panel (Speed dome must be connected and ready).



Preset turning point:

1. 

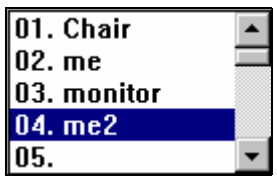
: Select camera (up to 16 speed dome).
2. Press

and the speed dome setup manual will display. (Please reference to you speed dome manual)
3. Press

to next page.
4. Press

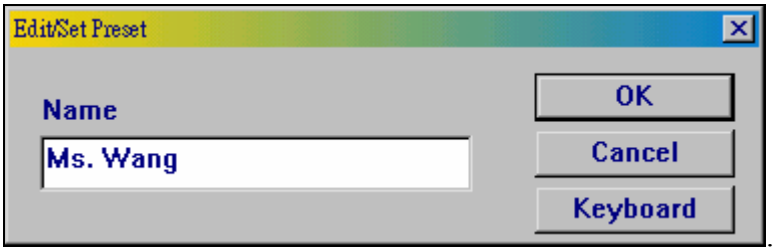
to previous page.
5. Press
to move the cursor up.
6. Press
to move the cursor down.
7. Press
or
to select setting.
8. Press
to Zoom in.
9. Press
to Zoom out.
10. Press
to smaller the Iris.
11. Press
to larger the Iris.
12. Press

(FOCUS far).
13. Press

(FOCUS Near).
14. 

In the Preset dialog box, select the point number.

16. Press [Set] a setting dialog box will display



e. Press [Keyboard] a keyboard will display on screen.

f. Naming the point .

g. Press [OK] to accept the setting.

h. Press [Cancel] to cancel the setting.

Auto Mode setting:

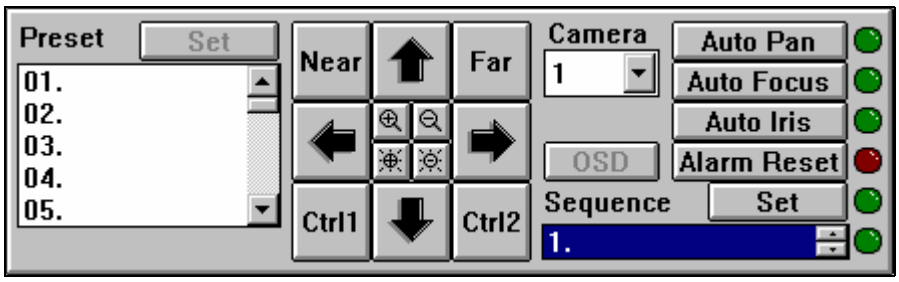
5. **Auto Pan**: Press [Auto Pan] to turn on (Led turn green) or turn off the auto pan.

6. **Auto Focus**: Press [Auto Focus] to turn on (Led turn green) the Auto focus. Press any button to turn off Auto Focus and become manual control camera's focus.

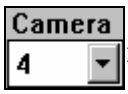
7. **Auto Iris**: Press [Auto Iris] to turn on (Led turn green) the Auto Iris. Press any button to turn off Auto Iris and become manual control camera's iris.

Control Speed dome (Kampro)

Click the mouse right button to display or hide the control panel (Speed dome must be connected and ready).



Preset turning point :

1. 

: Select camera (up to 16 speed dome).
2.

In the Preset dialog box, select the point number.
3. Press to tilt ups the camera.
4. Press to tilt downs the camera.
5. Press to Pan right the camera.
6. Press to Pan Left the camera.
7. Press to Zoom in.
8. Press to Zoom out.
9. Press to smaller the Iris.
10. Press to larger the Iris.
11. Press

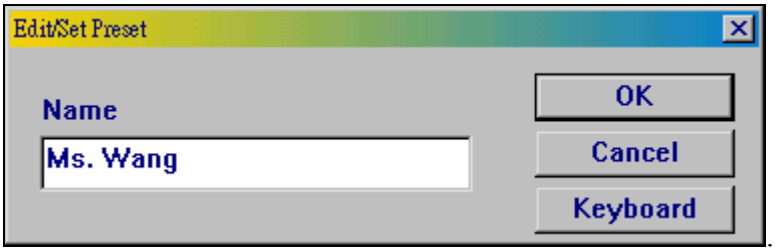
(FOCUS far).
12. Press

(FOCUS Near).
13. Press

to control output control 1.
14. Press

to control output control 2.

15. Press [Set] a setting dialog box will display



i. Press [Keyboard] a keyboard will display on screen.

j. Naming the point .

k. Press [OK] to accept the setting.

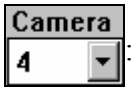
l. Press [Cancel] to cancel the setting.

Auto Mode setting:

8. **Auto Pan**: Press [Auto Pan] to turn on (Led turn green) or turn off the auto pan.
9. **Auto Focus**: Press [Auto Focus] to turn on (Led turn green) the Auto focus. Press any button to turn off Auto Focus and become manual control camera's focus.
10. **Auto Iris**: Press [Auto Iris] to turn on (Led turn green) the Auto Iris. Press any button to turn off Auto Iris and become manual control camera's iris.
11. When alarm is occurs, press [Alarm Reset] to turn off alarm.

Preset turning sequence:

a. Before setting turning sequence, you need to finish setting turning position.

b. 

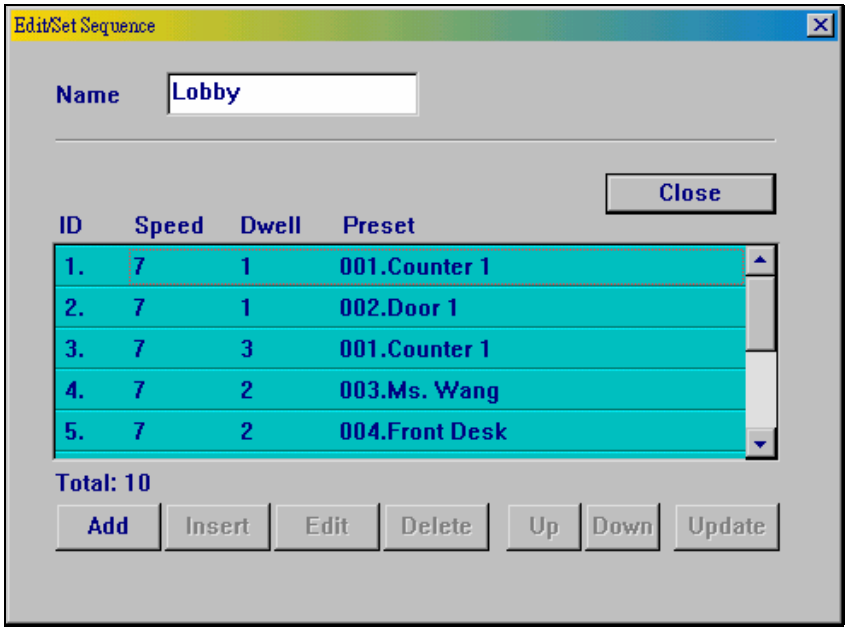
: Select Speed dome camera (up to 16 Speed dome).

c.

: Select Sequence groups (4 preset point per group).

d. Press

a setting dialog box will display

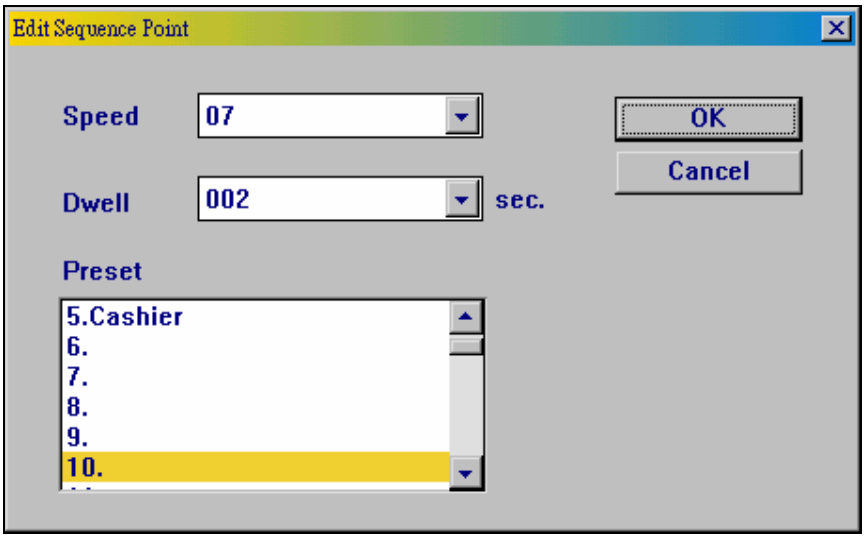


e. Name the sequence.

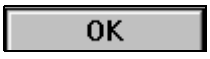
f. To add or insert new sequence point press

or

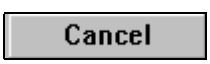
, a setting box will display.



i. Select from preset point (up to 32 point) and setting the Dwell time and Speed.

ii. Press 

to accept the setting.

iii. Press 

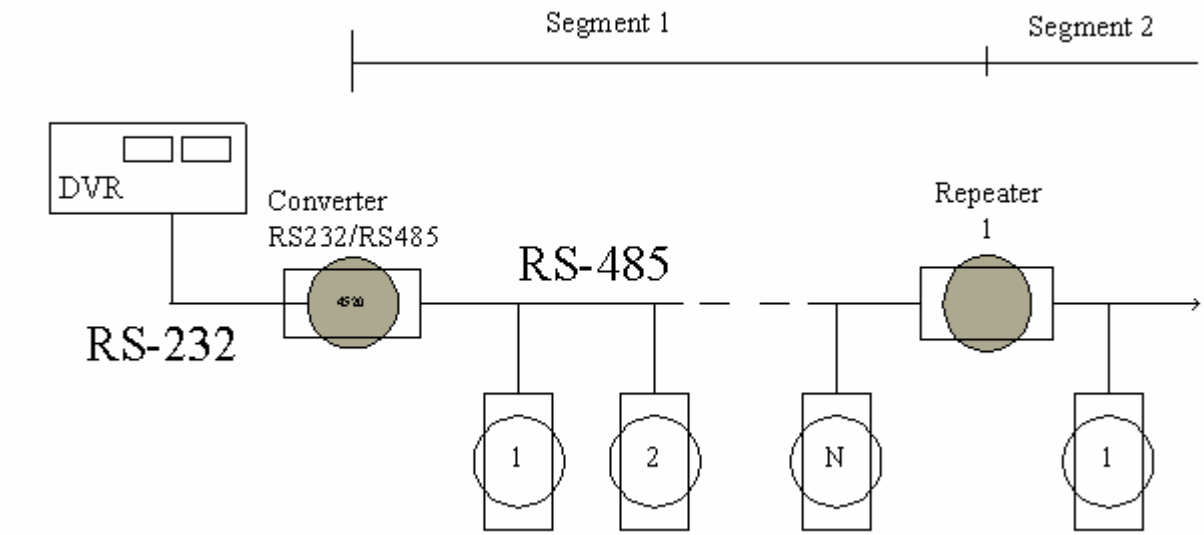
to cancel the setting.

g. Press

before you press

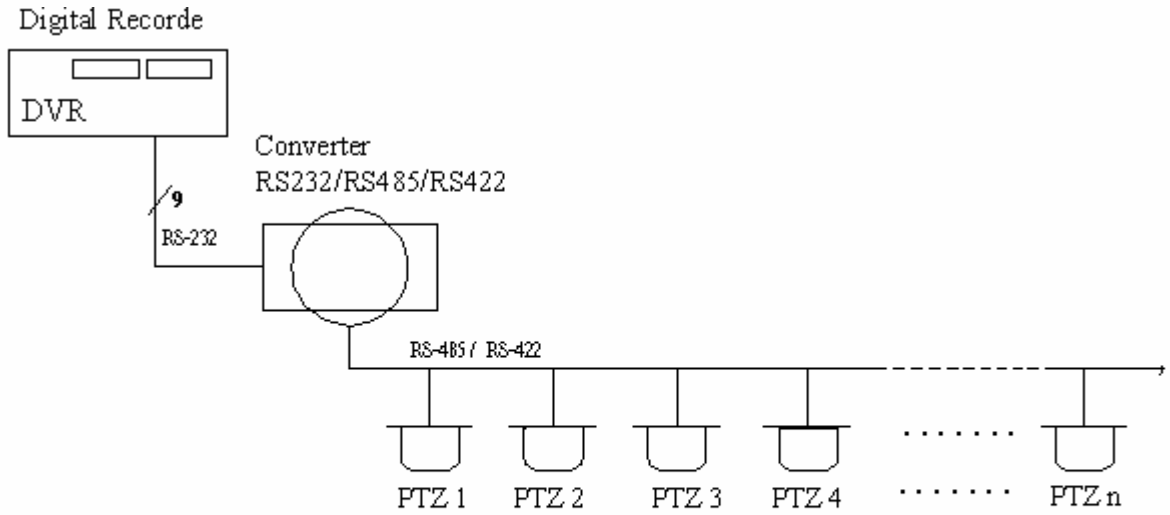
to exit sequence setting.

RS-485 Network Daisy chaining



Top

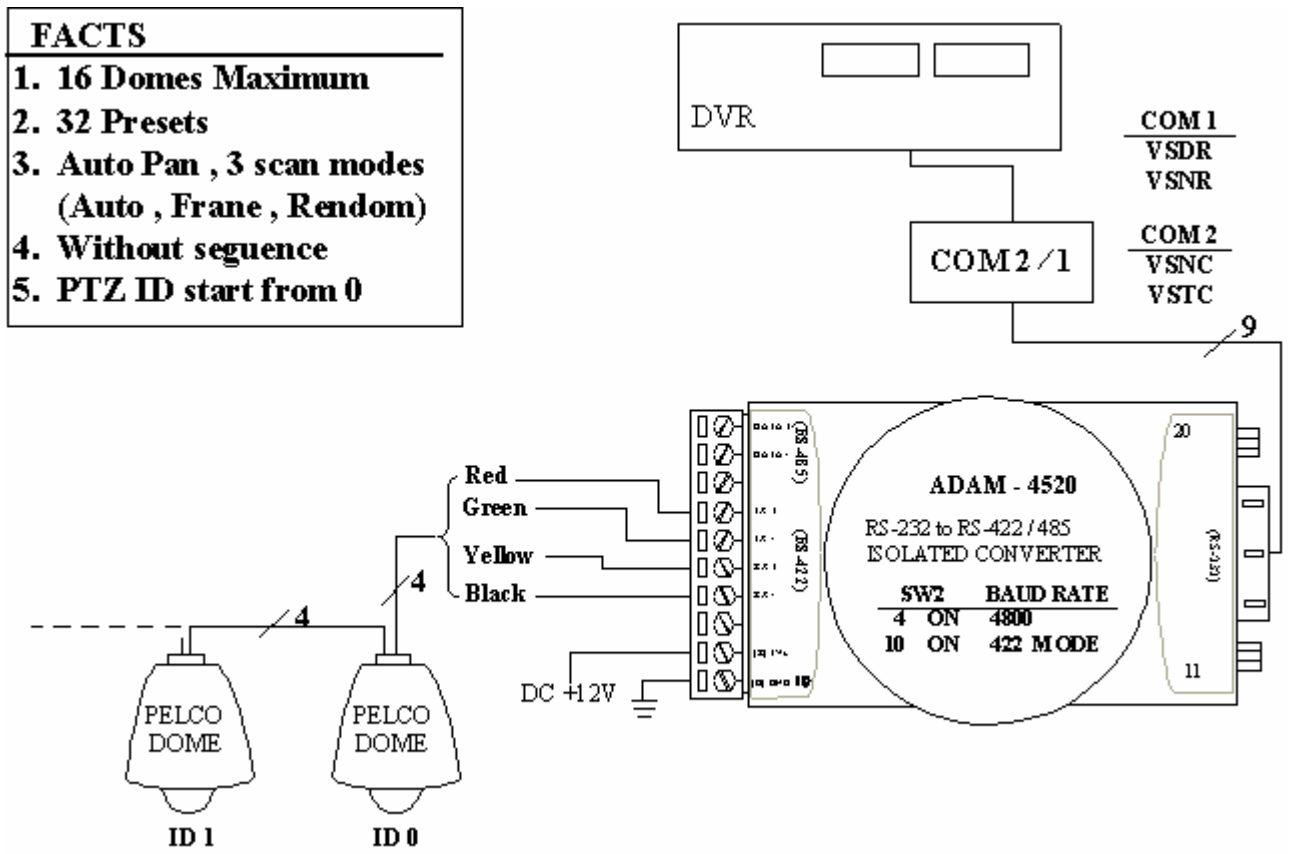
PTZ wiring map for DVR



1 <= n <= 128 (KAMPRO)
1 <= n <= 64 (LiLin)
1 <= n <=512 (KALATEL)
0 <= n <=16(PELCO)
0 <=n <=255(VTC)

PELCO PTZ Installation Guide

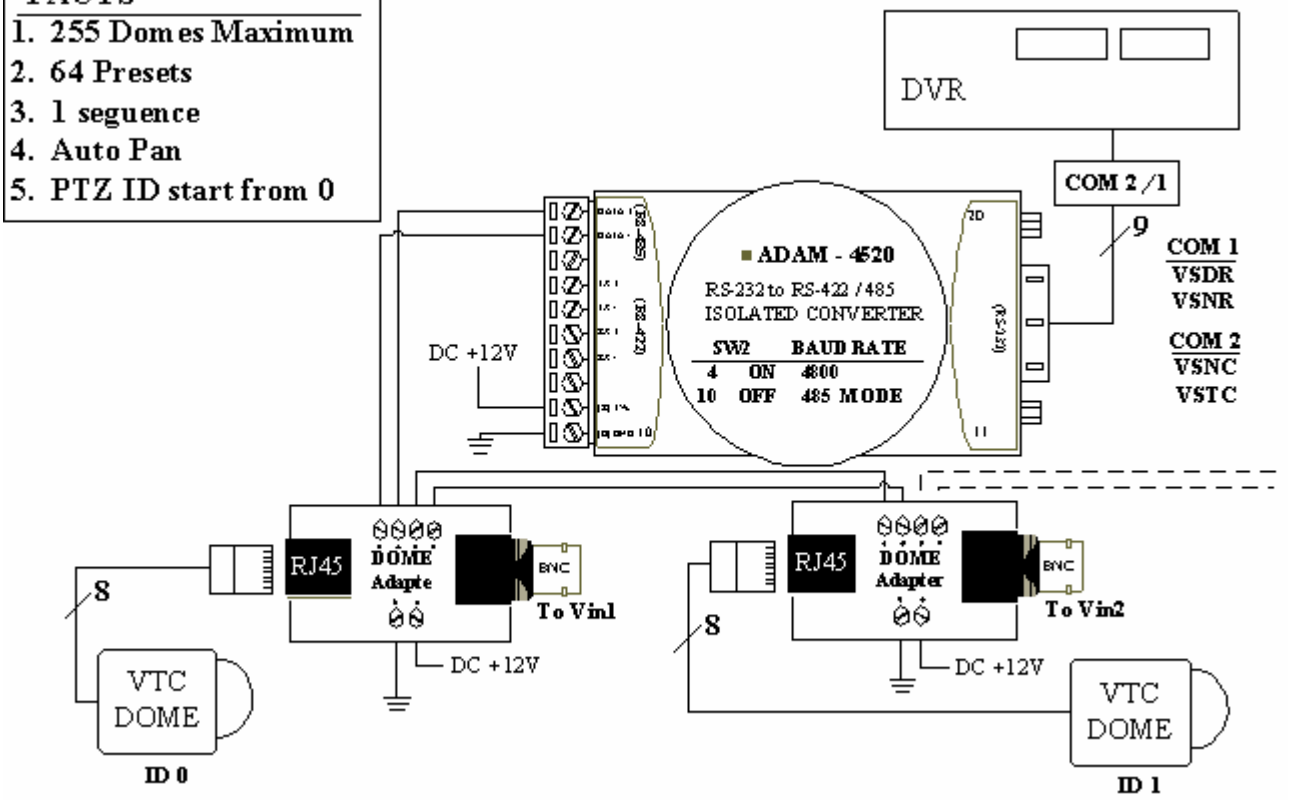
FACTS
1. 16 Domes Maximum
2. 32 Presets
3. Auto Pan , 3 scan modes (Auto , Frane , Rendom)
4. Without seguence
5. PTZ ID start from 0



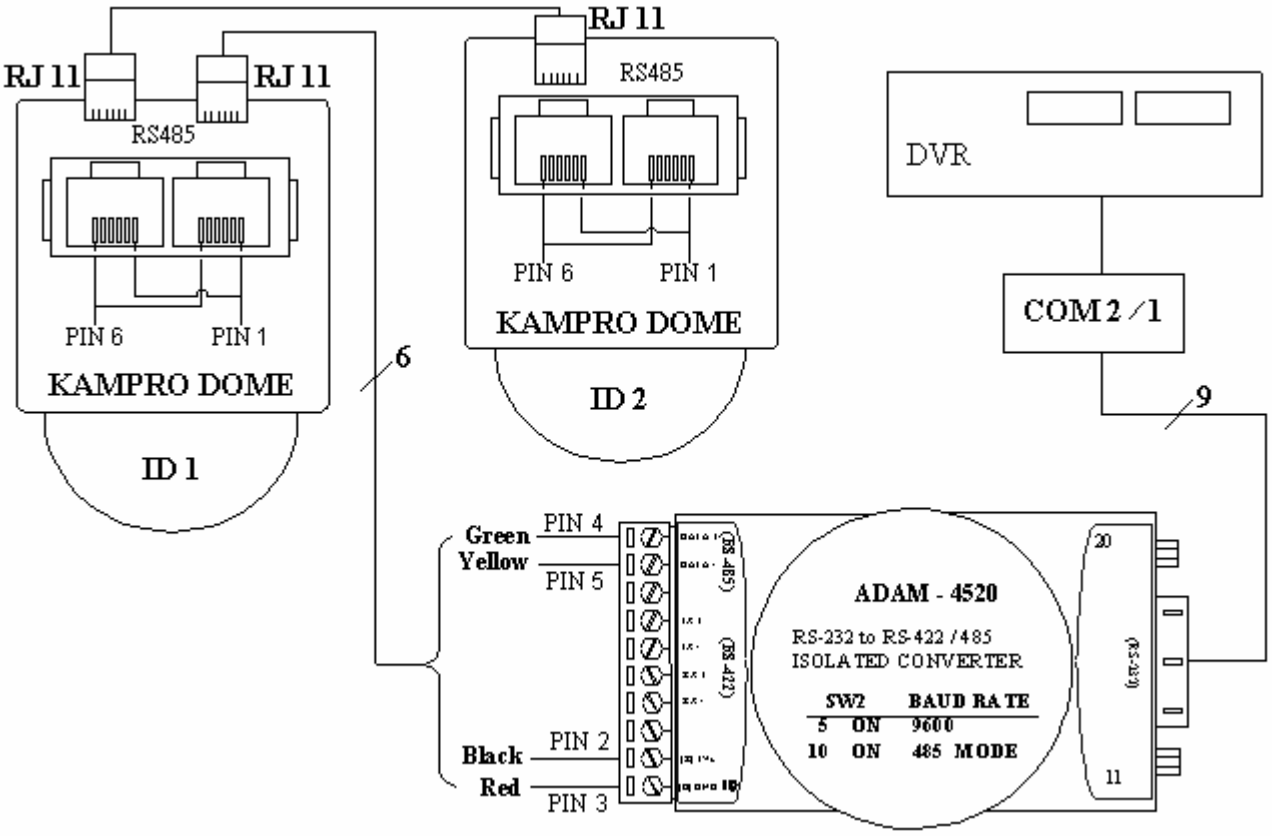
Top

VTC PTZ Installation Guide

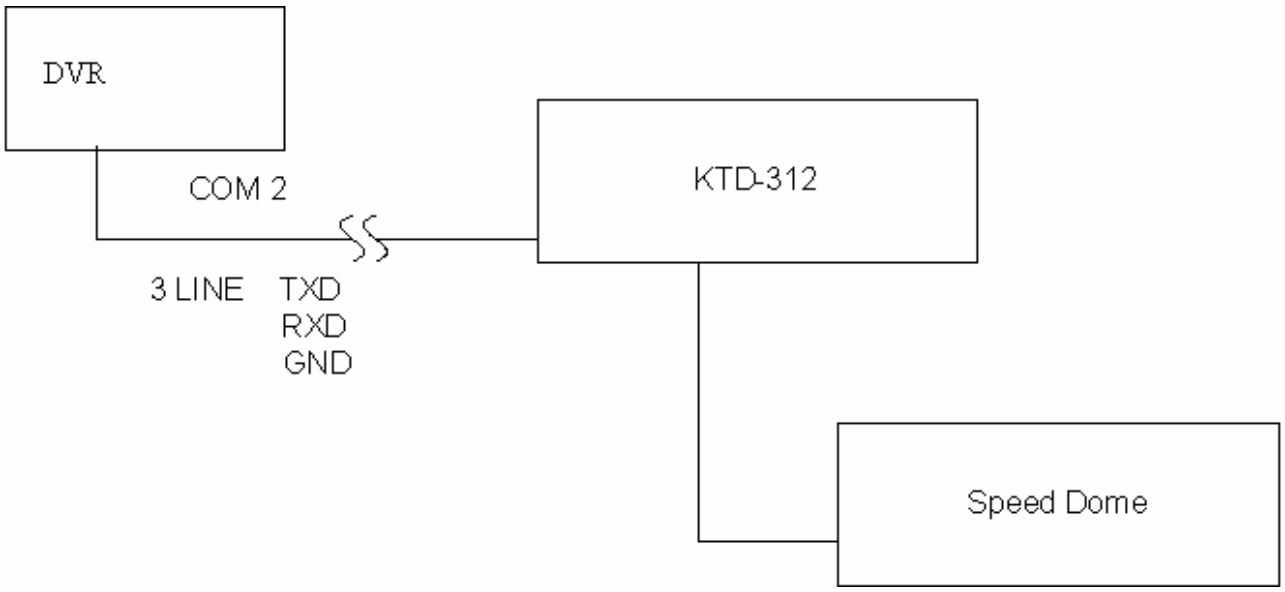
FACTS
1. 255 Domes Maximum
2. 64 Presets
3. 1 seguence
4. Auto Pan
5. PTZ ID start from 0



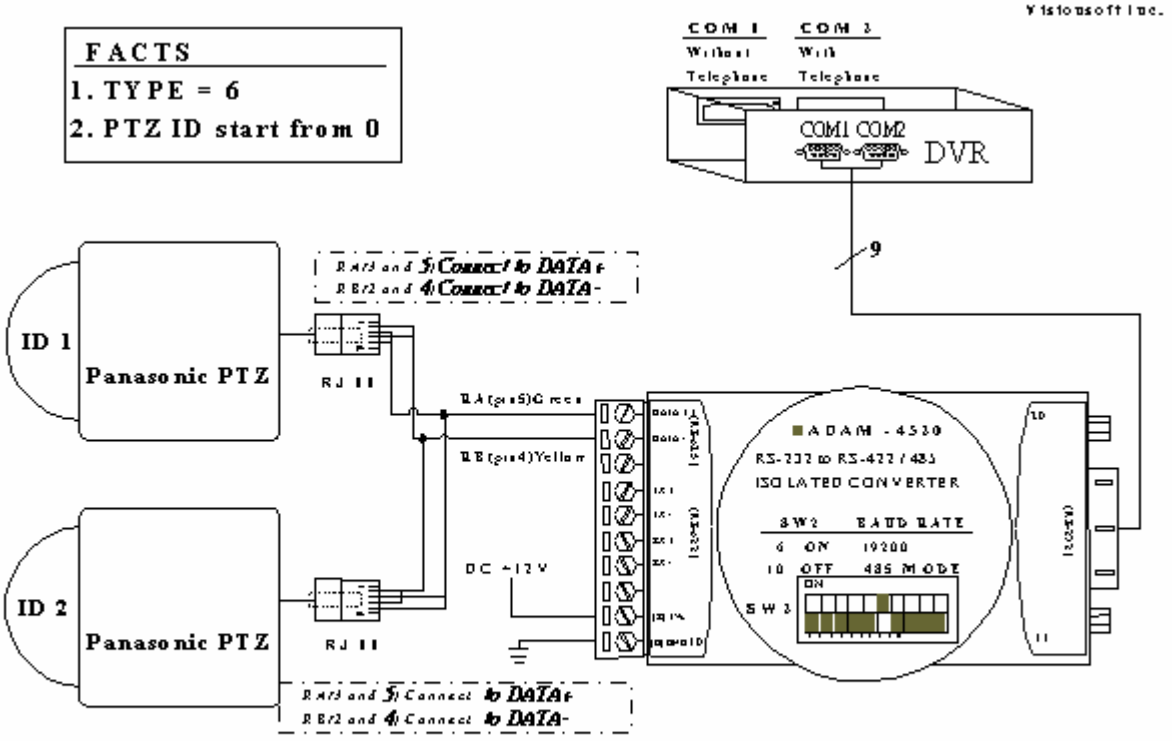
KAMPRO PTZ Installation Guide



Kalatel KTD-312 Installation Guide



Panasonic Installation Guide



The Digital Recorder COM2 connect to Kalatel KTD-312 interface module.

A. Set the RS232 port of the KTD-312 to 9600 Baud, No parity, 8 data bits, 1 stop bit

B. The RS-232 port of the Telexper machine is COM2.
   So connect the RS-232 cable from the KTD-312 to COM2 of the Digital Recorder.
   Note: the DB9 pin2 and pin3 must be swapped.
   (RXD of KTD-312 connect to TXD of the Digital Recorder)
   (TXD of KTD-312 connect to RXD of the Digital Recorder)

C. Set the dome to ID= 0

D. In the "LIVE" mode press the "right button" of the mouse then the PTZ control box will show up
   select Site=0 monitor= 0

E. Use the mouse to do your other selection.

F. When you send command from the Telexper machine to the dome,
   the LED on the top of the KTD-312 should flash to indicate transmission.
   If no flash please check your cabling.

G. If you see Led flash but PTZ does not works then please check the KTD-312 and the dome wire connectors.(Refer to Kalatel manual)

Troubleshooting of Kalatel Speed Dome

Checking List

1. KTD-312 Controller: **dipswitch**

   Port Settings, 9600, n, 8, 1 bit 5 off

   Computer Interface operation (Not data merger operation) bit1, 2, 3 off

2. RS-232 to computer:

   Port Default Settings 9600, n, 8, 1

   Com1 for VSDR without phone line transmission (VSDR, VSNR)

   Com2 for VSDR with phone line transmission (VSTC, VSNC), Com1 for modem

3. Camera (Dome Drive):

   ID: Start from 0 ~ 511 (default is 0), They are 1 ~ 512 on VSDR control panel.

4. Matrix: (If available)

   ID: Start from 0 ~ 63 (default is 0), They are 1 ~ 64 on VSDR control panel.

Diagnosis

1. Make sure the dome drive is set to ID 0.
2. Enter the live screen mode in Digital Recorder.
3. Click right mouse button on the VSDR live screen and the PTZ control panel is shown.
4. Select monitor 1 and camera 1 on the PTZ control panel.
5. Press Left arrow button on PTZ control panel.
6. The green LED of KTD-312 toggles every time a character is received by KTD-312 from the computer.
7. If the green LED works well, but the camera doesn't move, check the dome ID if correct.
8. If the green LED never flash,
   1. Check the Baudrate setting for KTD-312 if it is correct.
   2. Check the selection of digital recorder COM port if it is correct.
   3. Check the cable for connection if it is correct.

Instructions:

1. The default mapping of monitors and cameras are ordered.
   Camera 1 map to monitor 1
   Camera 2 map to monitor 2
   Etc.
2. You can connect from the video outputs of cameras to the video inputs of digital recorder and up to eight or sixteen cameras at the same time.
3. Select a monitor number to control the desired camera from PTZ control panel or just left click the desired picture window from spot window mode.
4. If the matrix is available, you may change the monitor and camera mapping.

ISDN TA Settings for DVR

Modem Type

10

Baudrate

115200

E-TECH

V.120	&F2%A2=2S0=2
V.110	&F1S0=257600 bps (TAIWAN) 38400 bps (JAPAN)

ZyXEL

V.120	&FB20S0=2
V.110	&FB18S0=2 38400 bps (JAPAN)

TAICOM

V.120	&F%A2=2S0=2
V.110	&F%A2=1S0=2