

## How to configure IP Cam Secure to use PTZ camera ?

## Scenario

IP Cam Secure supports numerous models of <u>pan</u>, <u>tilt</u>, <u>zoom</u> cameras (PTZ cameras). You can remotely control these PTZ cameras with either mouse or <u>joystick</u> but NOT keyboards.

PTZ speed (the speed which camera moves) cannot be changed for patrol

You can enable PTZ on cameras without PTZ support, but you won't be able to PTZ with them

The PTZ function of IP cameras are enabled on default when you first added the cameras. If your camera is not responding to PTZ commands, please check if it is on LevelOne <u>IP Camera support list</u>.

- A. Setting up PTZ for IP camera
- 1.) Go to [Main Console]>[Config]>[Setting]



2.) Go to [PTZ Config]-> check to enable and uncheck to disable PTZ for selected camera

3.) You can adjust PTZ setting in the [Advanced Setting] to change PTZ speed when controlling PTZ manually



4.) Press [OK] when finished

AM01 AXIS 215 (192.)	Basic Setting
CAM02 AXIS 243Q (19)	Camera Model: P Camera
	Com Port.
	Baud Rate:
	Advanced Setting
	Pan Speed: / 4
	Till Speed: 4
	Zoom Sneed A
	Low Day Count
	Miscellaneous
	Patrol Group Uset-Define Preset
( )	

5.) Use the PTZ panel to control your camera in live view



B. Analog camera

Any PTZ analogue cameras will work with IP Cam Secure. However, unlike IP cameras which automatically detects and enables PTZ function, you will have to manually setup and enable the PTZ function for analog cameras.



You will first need to have a TRP-C08 USB to RS232/422/485 converter to transmit data between analog camera and your computer.

TRP-C08 is an independent control device for managing signals from RS-232 and RS-485. Devices such as I/O relay device or speed dome can be easily control by TRP-C08.

Power Connection (USB Internal Bus)

Direct power input from USB bus port, current 100mA/+5V, no external power necessary

RS-232 wiring connection

The RS-232 supports 5 channels plus Signal Ground and is configured as DTE like a computer. Signals are single ended and referred to Ground. To use handshaking or flow control user must set Host PC's RTS/CTS during configuration. Refer to the pin assignment for connection as below.

**RS-485** Wiring connection

The RS-485 mode supports the Transmit and Receive channels using 2-wire half-duplex operation. Refer to the pin assignment for connection as below.

Setting up PTZ for analog camera

1.) Go to [Main Console]>[Config]>[Setting]



2.) Go to [PTZ Config]-> check to enable and uncheck to disable PTZ for selected camera

3.) Fill all the fields under [Basic Setting, including camera model, com port, baud rate and address] (Please refer to your camera's user manual)



3.) You can adjust PTZ setting in the [Advanced Setting] to change PTZ speed when controlling PTZ manually

4.) Press [OK] when finished

CAM01 Camera 1 Com02 Camera 2 CAM03 Camera 3 CAM03 Camera 4 CAM05 Camera 4 CAM05 Camera 5 CAM05 Camera 6	Basic Setting Camera Model Com Port	Pelco D	2			
CAM07 Camera 7 CAM08 Camera 8 CAM09 Camera 8 CAM09 Camera 9 CAM09 Camera 10	Address	Add: 00	-	_	Į	
CAM12 Camera 12 CAM13 Camera 13 CAM13 Camera 13 CAM14 Camera 14 CAM15 Camera 15 CAM16 Camera 16 CAM16 Camera 16	Advanced Setting Pan Speed Tilt Speed		/ /	Medium Medium		
CAM12 YVOTEXP251x CAM12 VVOTEXP251x CAM13 D-Lxk-DCS-561 CAM13 D-Lxk-DCS-560 CAM20 Arecont-AV313 CAM21 Zavio P611E (15	Add Pan Tarest Miscellaneous			Medium	J	
	Patrol Gro	up U	ter-Define	Preset		



Here are the protocols IP Cam Secure support.

Camera Model	Baud Rate				
Pelco D	2400, 4800, 9600				
Pelco P	4800, 9600				
DynaColor	9600				
Lilin	9600				
Samsung	4800,9600,19200,38400				
SAE	2400, 4800, 9600, 19200				

5.) Use the PTZ panel to control your camera in live view.





