

Paramont PTZ-AI Auto-Tracking Setup from IPC and NVR GUI PAR-P2PTZXIR25-AI, PAR-P4PTXIR25NH-AI, PAR-P4PTZXIR2812NH-AIWL & PAR-P8PTZXIR25NH-AI

1A – From the Camera: Log into the camera directly using the IP of the camera and being on the same network as the camera, (you can locate the IP in the recorder or with the IP tool 2.0 from our website)

Once logged in click on "Config" across the top then choose Event/Line Crossing, Intrusion, Region Entrance or Exit. We will use Line Crossing as the example here.



2A- Once in Event/Line Crossing, you want to "Enable" and choose what options you want, (you want to make sure at least one option is chosen under "Detection Target"). Make sure to enable "Trigger Track" and hit "Save" to complete.

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rative Video Technology			Live	Config	Face Log	Search	Logou
A Sustan	Config Home > Event > Line	Crossing					
Basic Information Date and Time Local Config Storage	Detection Config Area Sc Enable	hedule					
💽 Image Display Settings Video/Audio OSD	Save Panoramic Picture Save Target Cutout Detection Target	Sensitivity	100				
PTZ PTZ Settings Restore PTZ Function	☑ Motor Vehicle ☑ Motorcycle/Bicycle	Sensitivity (Sensitivity ()	100				
Alarm Motion Detection Anomaly Alarm Server Smart Tracking	Alarm Holding Time Trigger Track Trigger SD Snap Trigger SD Recording	10 Seconds					
Event Exception Line Crossing Region Entrance Region Exiting Target Counting Intrusion Face Comparison	Trigger Email Trigger FTP						
	Save						
TCP/IP Port More							

3A- Now a line in the view needs to be set up, click on "Area" tab, click on "Draw Area" then draw the line you would like to start the tracking, on the right you have the options to move and zoom the PTZ and choose what area you would like to monitor. You can have up to four lines set, and make sure to set the directions for each line.

NOTE: You must LOCK the PTZ controls to enable/start the trigger tracking process, or it will not track





4A. By default, the PTZ is set for "PTZ Auto Tracking Priority" which means you will not be able to manually control the PTZ once it is locked/enabled to trigger track. In this case a "Home Position" is not required. If manual control is desired, you can change this by going to Config/Alarm/Smart Tracking, then select "Manual PTZ Control Priority."

NOTE: in Manual PTZ Control Priority you MUST create a Home Position



PTZ Tracking Priority: if this mode is selected, in smart tracking mode, you cannot control PTZ by clicking the buttons on the PTZ control panel in the live view interface. (This will return to the area when line is set up)

Manual PTZ Control Priority: if this mode is selected, in smart tracking mode, you can control PTZ by clicking the buttons on the PTZ control panel in the live view interface and then the camera will immediately stop the tracking action. After you finish controlling PTZ for 5 seconds, the PTZ camera will return to the start tracking position and wait for the object to appear. (Highly recommended to set home position due to the unit will not return to the line when movement stops) Still time: If it is enabled and the time is set, when the target stops or hides behind an obstacle, or the target tracking is complete and there is no target appearing in the detection area during the set time, the PTZ camera will return to the tracking start position. Of course, during this time, if there are targets moving, the PTZ will keep on tracking. 5A – If a Home Position is needed to be setup, please follow these next steps.

Go to Config/PTZ/PTZ Function and start with setting a PRESET. NOTE: for Home Position, the preset number must be between 70-80. Use PTZ controls to set position and then hit "Create." Then click on "Home Position," set the Location to "Preset" and input the Preset number (70). The "wait time" is how long after manual movement the PTZ will go back to its Home Position, set, then make sure to check off the "RUN" button, then "Save."







Paramont PTZ-AI Auto-Tracking Setup from NVR PAR-P4PTZXIR25NH-AI, PAR-P2PTZXIR25-AI

1B – From a Paramont Recorder: Add the camera to the recorder, then from the recorder head to Start/Settings/AI Event. Choose the camera from the drop down next to "Camera Name" then choose "Line Crossing" and click a check mark next to the "Enable Detection by IPC." Choose "Draw line" and draw a line in the image that you would like to detect (you can set up to four lines), make sure to set your direction.

NOTE: You must LOCK the PTZ controls and select "Trigger Track" to enable/start the trigger tracking process, or it will not track

When complete click on "Apply."

AI / Event					Disk Network			x
Event Notification Alarm-out E-mail Display Buzzer Push Message Audio Light Alarm Server	Camera Name PARP2PTZ/UR25AI							
	Face Recognition Detection Recognition Face Database	LPR Detection Recognition Plate Database Z	People Venicle Detection	n More Object Atlando Target Countin	ned Missing Cro. a Exception Dete	ed Density ction		
Page Recognition LPR People/Vehicle Detection More	Enable Detection by IPC Parameter Settings Detec	tion Target Trigger Mode					Advance	ed 🗸
General Event Motion Sensor Combination Alarm IPC Office Exception Alarm			Rule Duration Line	10 Secs				
Alarm Status Atarm Status		Crastine Char	Direction PTZ PTZ Speed Unitods Th C Trigger Trac	A <b< th=""><th>Zoom → + Focus → + Iris → + Anavailable in locked sta</th><th></th><th></th><th></th></b<>	Zoom → + Focus → + Iris → + Anavailable in locked sta			
							Apply	

**Note: From the NVR you can change the PTZ Priority. By going to Camera/PTZ/Smart Tracking you can adjust from "PTZ Auto Tracking Priority" or Manual PTZ Control Priority".

Within the local NVR settings you cannot set a Home Position. So, if changing to Manual PTZ Control Priority, please make sure to log into cameras OSD directly to set Home Position, see above, 5A.

2B – Click on "Detection Target" and choose what you would like to to detect, also can adjust senitivity for each as well click on "Apply" when complete.



3B – optional: you can also click on "Trigger Mode" to choose other action options when the line is activated, click on "Apply" when complete.

AI / Event		Live Display							×
R Event Notification Alarm-out E-mail Display Buzzer Push Message Audio Light Alarm Server	Camera Name	PARP2PTZXIR25AI	~						
	Face Recognition Detection Recognition Face Database 7	LPR Detection Recognition Plate Database 7	People/Vehicle Detect Line Crossing Intrusion	ion More Object / Target (Abandoned/Missing Counting Except	Crowd Density			
AI Event Face Recognition LPR People/Vehicle Detection More	C Enable Detection by IPC Parameter Settings Detection Target Trigger Mode								ed 🗸
Seneral Event	Voice Prompt None								
Motion Sensor	Trigger General	Record Configure	Alarm-out	Configure	Camera Name	Preset Name	:		
Combination Alarm	Snapshot	PARP2PTZXIR25AI			PARP2PTZXIR25	AI None			
IPC Offine Exception Alarm	V Push								
Alarm Status	Buzzer								
Alarm Status	Pop-up Video								
					PARP4TXIRA331				
								Apply	