

How to configure Panorama tracking in PanoVu

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Preparation

Device model: DPxxxxZxxx, like DP3236ZIXS-D/440/T2

How to configure Panorama tracking in PanoVu

1. Step 1: Calibration

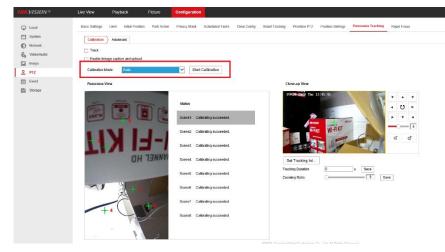
1) **Before you start**: You need to switch VCA Resource to the Smart Event for all the channels. (In V5.5.41, the software add a limitation of logical to avoid function mutual exclusion.)

HIK	VISION®	Live View	Playback	Picture	Configuration		
Ţ	Local	Basic Information	Time Settings DS	ST RS-485	VCA Resource	nage Stitching Abou	rt
	System System Settings	Camera2 Smart Event	O People Density	 Traffic 0 	Congestion O Mon	toring	
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Ø	User Management Network	Smart Event	⊖ Face Capture				
.Q.	Video/Audio	Camera3 Smart Event	People Density	Monitori	ing Traffic Cong	estion	
년 문	Image PTZ	📔 Sa	ive				
	Event Storage						
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- 2) **Purpose:** Before you use the function related to the linkage between PTZ and panoramic channels, you need to complete the calibration to ensure the precision of mapping between them.
- 3) The device has been calibrated by default. You can use Start 3D Zoom function to test current accuracy of calibration. Click the button, draw an area on the panoramic channel, if the PTZ channel turn to the same area that you select in panoramic channel, it means it is accurate.

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- 4) If it is not accurate or you want to calibrate, you could choose Auto Calibration or Manual Calibration. **Configuration->PTZ->Panorama Tracking**
- 5) Auto Calibration:



In Calibration Mode, select **Auto**, then click **Start Calibration**. In new window, click **one-touch Calibration**, every scene will do calibration automatically. After all the scenes are calibrating succeeded, click **Auto Calibrating succeeded** to close this window. Also if the picture of scene is old, you can click **regenerate** to capture a new picture for this scene.

	Limit Initial Position	Park Action	Privacy Mask	Scheduled Tasks	Clear Config Smart Tracking	Prioritize PTZ	Position Settings	Panorama Tr	acking Rapid Foo			
Calibration	Auto Calibrate											
Track Enable linkage	Panorama View					Clo	ose-up View	Single	Scene Calibration	One-touch (Calibration	
Calibration Mo	+			Status		- 65	-21-2020 Thu 14::	17:52			▲ ▼ 53 ►	
		+ 5		Scene1:	Calibrating failed.			+			• •	
	÷		Scene2:	Calibrating succeeded.		1			4 0 [*]			
	2	+ 1		Scene3:	Calibrating succeeded.		1000			çĩ,	°9	
	0	1	Scene4:	Calibrating succeeded.	Calib	ration Parameter						
	1			Scene5:	Calibrating succeeded.	No	. Co	ordinate(x, y)	PTZ Position(p, t,	z)		
		T	+3	Scene6	Calibrating succeeded.	1			(276, 17, 1)		^	
		A				2	(89, 6		(267, 13, 1) (293, 40, 1)		_	
	4	+4 +0	Scene7:	Calibrating succeeded.	4	(376,		(293, 40, 1)		-		
	4		Scene8	Calibrating succeeded.	5	(458,		(287, 4, 1)				
					6	(760,		(307, 48, 1)				
		1	The			7	(0, 0)		(0, 0, 0)		~	
			<	>					Auto	Calibrating s	ucceeded.	

6) After calibration, tick the **Track**, so that the VCA in panorama channel could link

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to panorama tracking.

7) **Tracking Takeover:** In V5.5.41, it adds the tracking takeover function in **Advanced.** When the target moves out of the monitoring scene of the panoramic channel, the PTZ channel takes over and keep tracking the target.

HIKVISION®	Live View	Playback	Picture	Configuration						
🖵 Local	Basic Settings	Limit Initial Position	Park Action	Privacy Mask	Scheduled Tasks	Clear Config	Smart Tracking	Prioritize PTZ	Position Settings	Panorama Tracking
System	Calibration	Advanced								
Network	Tracking Ta	akaawar								
C. Video/Audio		akeuvei								
🔝 Image		Save								
PTZ										
Event										
Storage										

2. Configure VCA event.

1) After Calibration, and tick Track, you could configure VCA event in panorama channel. When target triggered the rule, the PTZ will start to track the target at the same time.

Note: Panorama tracking will be trigger when the Channel No is panorama channel (Camera 2 or Camera 3). PTZ channel also has its own VCA rules and smart tracking if you configure.

You also can click Start Manual Tracking to track the target you want in all the channel. The priority of tracking is manual tracking in Panorama channel > manual tracking in PTZ channel > auto tracking (trigger by event) in Panorama channel > auto tracking (trigger by event) in PTZ channel

