

How to configure NVR to receive and transparently transmit AIOP events

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Description

Since version 4.62, NVR supports receiving, storing, querying, and transparent transmitting AIOP events of IPC.

This article describes how to configure the NVR to achieve the above functions.

Preparation

M Series, Acusense or Deepinmind NVR, version must be 4.62 or above. This article uses iDS-9632NXI-I16/X(C) V4.62.200 build 230105 as an example.

A camera that supports AIOP events. This article uses iDS-2CD7186G0-IZS V5.8.20 build 230309 as an example.

Configuration on web

1. Configure AIOP events on IPC (model, engine, rules), and tick Notify Surveillance Center.

Chip Type H8	SDK Version FW12		m Ver Al_V3.7.1build20220	806 Max. Number	. 1/4			
Model Library		Engine		HardHat	Detection Engine01			
8		Live Vid A	rming Settings Arming Schedule Linkage Met	thod		×	formally.	
HardHatDete		Hard	Normal Linkage Notify Surveillance Center Upload to FTP://Jemory Card/. Audible Warning	Trigger Alarm Output A>1	la Ia		o Analysis V	
							Channel No. 1	Ena
						OK Cancel		

- 2. Add IPC to NVR via device IP.
- Log in to NVR's web side. Click Configuration-Event-More Events to enter Transparent Transmission Configuration interface. From this interface, you can see two AIOP related events named AIOP_Video (AIOP events based on video) and AIOP_Polling_Snap (AIOP events based on picture) showing in the list.

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H	IKVISION	Live	View Playback	c Search Applicatior	Configurati	ion Display Alarm					
	Local	Transpare	nt Transmission C	_	1						
	System 🗸	Event D	escription List								
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	Basi 2 It	2		vibrationDetection	vibr	rationDetection					
	Smart Event	3		abnormalReboot	abn	abnormalReboot					
	Face Picture C	4		reverseEntrance	Peo	People Reverse Entering					
	People Frequency	5		vehicleMonitor	veh	icleMonitor					
Г	More Events	6		manualVehicleMonitor	mar	nualVehicleMonitor					
•	Netw 3	7		dataPrealarm	data	aPrealarm					
	Image	8		faceSnapModeling	Fac	e Modeling Detection					
	VCA	9		imageCapture	Cha	annel Scheduled Capture					
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	Storage 🗸 🗸	13		AIOP_Polling_Snap	AIO	DP_Polling_Snap	_				
	loT Channel Se 🗸		4								
	Face Dicture Library			Save							

4. Enable related event then save the configuration. Users can customize event description and channel event description showing as below.

10	manualimageCapture	Channel Manual Capture	
11	arouse	arouse	
12	AIOP_Video	No Helmet !	2
13	AIOP_Polling_Snap	AIOP_Polling_Snap	L

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Event De	escription List			
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8		fz		
9		in		
10		r		OK Cancel
11		arouse	arouse	
12		AIOP_Video	No Helmet !	
13		AIOP_Polling_Snap	AIOP_Polling_Snap	
		Save		

5. Now NVR will receive AIOP event alarms from IPC and store the event pictures. If users want to set Arming Schedule, Linkage Method or transparent transmission of AIOP event, they can click Configuration—Event—

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Smart Event-More Events to do related configuration.



More Events

	Arming Schedule Linka	Linkage Method								
	Normal Linkage	Trigger Alarm Output	Recording Linkage	PTZ Linking D1 V						
	Buzzer Send Email Notify Surveillance	A->1 A->2 A->3	✓ D1	Preset No.						
	Full Screen Monitori	A->4		Patrol No.						
		A->6 A->7 A->8		Track No.						
		D1-> 1								

Search event on web

 Users can click Configuration—System—System Maintenance—Log on NVR's web to check AIOP events that NVR receive in device log. They can also read more info in detail via exporting log.

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			3	2023-04-04 12:11:57			Alarm			More Events		D1		
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			16	2023-04-04 12:40:38			Alarm			More Events		D1		-
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136 Ever	at Description: No Helmet	202	3-04-04 13:4	45:53 Alarm			More Event		D1				Event Nam	e: AIOP_VideoStart
137 Ever	nt Description: No Helmet	202:	3-04-04 13:4	16:11 Alarm			More Event	ta	D1				Event Nam	me: AIOP_VideoStop
138 Ever	nt Description: No Helmet	202	3-04-04 13:4	16:16 Alarm			More Event	68	DI				Event Nam	me: AIOP_VideoStart
139 Eve:	nt Description: No Helmet	202	3-04-04 13:4	16:22 Alarm			More Event		DI				Event Nas	Me: AIOP_VideoStop
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Ever 146	at Description: No Helmet	202:	3-04-04 13:4	18:58 Alarm			More Event	ta .	D1				Event Nam	me: AIOP_VideoStart
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Eve: 148	nt Description: No Helmet	202	3-04-04 13:5	0:05 Alarm			More Even	C.8	D1				Event Nam	e: AIOP_VideoStart
Ever 149 Ever	at Description: No Helmet	202	3-04-04 13:5	0:25 Alarm			More Event		D1				Event Nam	me: AIOP_VideoStop

2. Event pictures and event videos can be searched, previewed and downloaded via clicking Search-Download

Picture by File or Download Video by Event on web.

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