

How to Use Network Speaker with NVR GUI 5.0

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Function Introduction

From version 5.02.000, NVR support adding network speaker to realize functions including event linked audio, oneway broadcast and two-way audio.

Demand for Equipment

For NVR, M series, DeepinMind M series or Acusense I (E) series with firmware version higher than 5.02.000 is required.

For Network Speaker, users need make sure firmware version is higher than 1.2.2. Also, DS-PA0103-A and DS-PA0103-B will not be applicable to the content described in this document.

Step of Configuration

GUI Configuration

1. Add Speaker to NVR

Log in to local GUI of NVR, select Device Access option, then click Audio Device to enter IP Speaker management interface.



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DeepinMind 🕫	To Device Access	🥐 占 I O
Channel	IP Speaker Microphone	
Device (4)	+ Add 🔲 Delete 🔲 Show Password	0 device(s) connected.
Video Device	Device Name 💠 IP Address 💠 Status 🗧 Password Strength Password Protocol Type Manage 🗘 Added/Total Link Video Cham	nel Operation
Access Control Device		
Alarm Device		
Audio Device		
POS		
Device Group		
Device Configuration		
Device Parameter		
Access Service		
Batch Configuration	Online Device List (0)	
16.80	+ Quick Add 🖓 One-touch Activate 🛛 🗗 Refresh	
	IP Address \$ Device Model \$ Status Protocol Type Management Port \$ Serial No. \$ Version	≎ ∣ Operation

Click Add, input related parameters to add speaker to NVR. In addition, users can link video channel to speaker so

two-way audio can be applied between speaker and NVR.

DeepinMind Pro	Device Access	4° ± 0
Channel	IP Speaker Microphone	Add Device ×
Device (4)	+ Add 🗇 Delete 🔲 Show Password	Online Device List (2) Refresh 🥠
Video Device	evice Name + IP Address + Status + Password Strength	No. IP Address Device Model Status Protocol Type Management Port
Access Control Device		1 10.9.96.237 DS-QAZ1206G1-BE 🥑 Online HIKVISION 80
Alarm Device		2 10.9.96.100 DS-QAZ1203G1-BE 🤡 Online HIKVISION 80
Audio Device		
POS		IP Address Device Name
Device Group		10.9.96 237 Test Speaker 01
Device Configuration		Protocol Management Port*
Device Parameter		HIKVISION V Protocol Manag 80
Access Service		User Name Password
Batch Configuration	Online Device List (2)	aomin 🛞
	+ Quick Add 🛛 One-touch Activate 🗘 Refresh	Link Video Channel (1/3
	IP Address Device Model Status Protocol Tvi	V 🔲 🚞 Default Group
	□ 10.9.96.237 DS-QAZ1206G1-BE	□
		▼ © [D7]test
		O [D6]Camera 01

Users can also quick add speakers under same LAN with NVR from Online Device List. To realize that users need make default channel password of NVR same as speakers' password.

Note:

- 1. Default management port is 80.
- 2. For NVR 5.0, one NVR can add maximum 8 speakers.
- 3. One video channel can be only linked to one speaker at the same time for two-way audio.

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2. Configure Speaker Parameters

speakers.

Under Device Access Module, select Device Parameter and Audio Device, then user can set audio parameters of

DeepinMind 🕬	Device Access
Channel	
Device (5)	
Video Device	Audio Parameters
Access Control Device	Select Device IP Speaker Microphone
Alarm Device	Channel [Speaker1] Network Speaker V
Audio Device	Name Network Speaker
POS	Input Settings
Device Group	Bluetooth Input Volume 100
Device Configuration	AUDIO IN Volume 100
Device Parameter	Output Settings
Acces	Channel 1 Output Volume 53
Batch Configuration	Other Settings
	Audio Quality Mode 💿 Fluent 🔿 Balanced 🔿 Real-Time
	Save Speaker Test

3. Configure Event Linked Audio

Enter Event Center module, select Event Configuration-Linkage Configuration-IP Speaker one by one, then users can import audio file to IP Speaker by clicking Import icon. The audio imported will be used for event linkage.

OeepinMind 🕬 📰 🖷	Device Access			\$° ± 0
Video Application				System
				Storage Management
Live View	Playback	Event Center	Backup	Co Device Access
				E Event Configuration
				段: System Settings
Application Center				💥 System Maintenance
Human and Vehicle Detection	Person Check-In	Statistic Report		

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Oeep	ainMind 🕫	🗟 Device	Access	🙆 Event	Center						¢	1 U
R	Event Configuration	Email	Audio Management	IP Speal	ker Ala	rm Output	Camera Audio and	Light Configuration	Security Contro	ol Panel		
Event Display	Event Configuration	🕂 Batch	n Import Audio	3	 The uplos 							
EQ.	Linkage Configuration	🍽 Sp	beaker 01		E Import							
Even search	Disarm 2: onfiguration					File Name		Format	Size (KB)	Duration	Operation	
Event Configuration	Batch Configuration					test2.mp3		mp3	144	00:00:09	∠ ⊙	
1	Smart Settings											
	Algorithm Management											
	Engine Status											
	Task Plan Management											
	Data Archive											
	List Library											

After importing audio files, users can enter Event Configuration to set event linkage as IP speaker as required.

Note;

Now only motion detection, line crossing, intrusion, region entrance and region exiting support speaker linkage.



4. Enable Voice Broadcast

Enter Live View module, select broadcast icon at the right bottom corner of the interface, tick speakers that users want to broadcast, then click Start to start one-way broadcast (from one NVR to multiple speakers).

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5. Enable Two-Way Audio

If users link video channels to speakers when adding speakers to NVR, then users can open two-way audio in live view to do two-way talk between NVR and speaker one on one.

Note: Only network speakers that have built-in mic support two-way audio with NVR.



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WEB Configuration

1. Add Speaker to NVR

Log in to NVR's WEB page, select Device Access-Audio Device-IP Speaker one by one, then user can add speakers to NVR by inputting parameters of speaker or quick add speakers from List of Online Devices if they are under same LAN (speakers' password should be same as default channel password of NVR).

			Add Device ×
	Device ^	IP Spesker 3 prophone	List of Online Devices (0)
	Video Device	+ Add dete G Refresh	No. IP Address Device Model Status Protocol Mana St
Playback	Access Control Device	Device Name IP Address Status Password St Protocol Type	
Event	Audio Device	Speaker 01 10 9.96 100 Online Weak HIKVISION	No date
	Device Gran	0	IP Address* Device Name*
(۵۰) Application Display	Device Configuration V		Test Speaker 01
Ē			HIKVISION V 80
Device Access		•	User Name Password
		Total 1 30 /page V	admin A w
Management		List of Online Devices(0)	
(Q) System Configuration		+ Add to Device List G Refresh	Link Video Channel
		IP Address Devi Status Protocol Type Man Serial N	D D Default Group
Maintenance and Security			© [D1] Camera 01
			(D2) Camera 01 (a) ID31 Camera 02
			OK Continue to Add Cancel
	51011	_	
	SIUN		42 ⊂ ⊡ &3 U admin >
Live View	Device ^	IP Speaker Microphone	
	Video Device	+ Add Delete C Refresh	
Playback	Access Control Device	Device Name IP Address Status Password St Protocol Type	Manage Link Vide Added/Total Serial No. Version
Event	Audio Device		
Center	Device Group		
Application Display	Device Configuration \sim	No de	a da
Device Access			
Storage		Total 0 30 /page v	< 1 > 1 /1 Go
sa.		List of Online Devices(1)	
System Configuration		+ Add to Device List G Refresh	
4		IP Address Devi Status Protocol Type Man Serial N	o. Version MAC Address IPv6 Operation
Maintenance and Security		U 10.9.96.100 DS ♥ Online HIKVISION 80 DS-QAZ	11203G1-BE20230 V1.2.2build 240103 3c:1b:f8:80:73:d6 - +

Users can link video channel to speaker when add speaker to NVR, so that user can apply two-way talk between WEB and speaker in live view page.

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	Link Video Channel	b				
	All					
	∨ 🗌 💼 Default Group					
	🗌 🕑 [D1] Camera 01					
	🗌 🕑 [D2] Camera 01					
	D3] Camera 02					
	D4] test					

2. Configure Speaker Parameters

Select Device Access-Device Configuration-Device Parameter-Audio Device one by one, and then users can configure audio parameters of speaker.

HIKVIS							1 Q 🖻 :
다. Live View	Device Device Group	~		Video Devi	ce	Audio Device	3
Playback	Device Configuration	^	Audio Parameter				
	Device Parameter	J	Select Type	IP Speaker	Microphone		
Center	Acces 2 Vice Batch Configure		Channel	[Speaker1]Network Speaker		~	
م) Application Display			* Name	Network Speaker			
Device			Input Settings	0			
Access			Bluetooth Input Volume	0	[25 🗘	4
Storage Management			AUDIO IN Volume	0	[25 🗘	
(j) System			Output Settings				
Configuration			Channel1Output Volume	O	[17 🗘	
Maintenance and Security			Other Settings				
			Audio Quality Mode	Fluent Balanced Real-Time			
				Save Speaker Test			

3. Configure Event Linkage Audio

Select Event Center-Event Configuration-Linkage Configuration-IP Speaker one by one to enter material library, then users can import audio material to network speaker via NVR's WEB.

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HIKVI	SION				Import Audio File	×
t	Event Search	Email Audio Management	IP Speaker	Alarm Output Audio	 Import 	(2) Select File
	Event Configuration	IP Speaker	te uplo	aded audio file should be in MP Delete	Select Importing Method	
Playback	Event Linkage Configuration	M Speaker 01	5No.	File Name	Import Local Audio	Import External File
Event Center	Disarmi 3 nfigurat		2	testfile.mp3		
			3	please wear a r	Next	
Access IGN						
Storage anagement						
දිටු System onfiguration	•					
aintenance						

After audio import, select Event Configuration, then select an event needed to set Linkage Method as Speaker with

certain audio material, so that corresponding audio will be played when event is triggered.

HIKVI						4	ର 🖻 🏠 🛈	admin 🗸
Live View	Event Search	Generic Event Tar	get Event Perimeter Protection Sub Event Motion Detection Video	Abnormal Behavior Event Tampering Video Loss	People Number Management Defocus Detec Scene Change.	Thermal Imaging Event	AIOP Event	Alarm >
Playback	Event Configuration	Rule	Arming Schedule	Linkage Method	N			
Event Center	Linkage Configuration Disarming Configurat	Notify Surveille	ance Center					
(A) Application	Batch Configure VCA Configuration V	Alarm Pop	Up Window					
Display	Data Archive 🗸 🗸		Send Email Configuration	on				
Storage Management System Configuration Maintenance and Security		OB	Video Recording	Alarm Output a Al Y Local->2 Y Local->3 Y Local->5 Y Local->6 Y Local->6 Y Local->7 Y Local->7 Y Local->7 Y Local->7 Y Local->6 Y Local->7 Y Local->7 Y Local->6 Y Local->7 Y Local->6 Y Local->7 Y Local->7 Y Local->6 Y Local->7 Y Local->7 Y Local->7 Y Local->7 Y Local->6 Y Local->7 Y Local->	Audo and Ligh Audo and Ligh I [D4]ses V is peak None I tostlie.2m please we	I Alarm Linkage Audio sr10001]Netw 3 p3 ar a mask		
			Save					

Now only motion detection, line crossing, intrusion, region entrance and region exiting support speaker linkage.

4. Enable Voice Broadcast

Enter Live View module, select broadcast icon at the right bottom corner of the interface, tick speakers that users want to broadcast, then click Start to start one-way broadcast (from one NVR's WEB to multiple speakers).

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HIKVI	SION							\$	Q	e 🖒	0	admin ∨
	🗰 DeepinMind											
Live View	Search	Q										
Ē	V Default Group	ø										
Playback	(D1) Camera 01	∷ * ⊂ ⊚										
_	(D2) Camera 01	: ! ~ ()										
Event Center	[D3] Camera 02	3 1 ~ (0)										
	😂 [D4] test											
(٨) Application Display												
ē												
Device Access		<										
Q				•								
Storage Management												
ø												
System Configuration												
4												
Maintenance and Security								~ 🗆	Defa	ault Group	0	
] 🏴 [sj	peaker1] I	Network	Sp
												Start
	PTZ	^	X) 0 0			•		[RI S	: •	Ð	H ::

5. Enable Two-Way audio

If users link video channels to speakers when adding speakers to NVR, then users can open two-way audio in live view to do two-way talk between NVR and speaker one on one.

Note:

1. To open two way audio with speaker on NVR's WEB, users need choose Network Camera Two-Way Audio channel.



2. Only network speakers that have built-in mic support two-way audio with NVR.