Hikvision IP Speaker User Manual

1. Solution Introduction

1.1 Introduction

In traditional security area, users can only view the preview picture in real time through the camera or retrieve evidence video afterwards, making it difficult to intervene immediately. Through the cooperation of video surveillance and the IP Speaker, this solution can not only monitor and retrieve video footage in real time, but also broadcast immediately through the intercom to intervene and deter wrongdoing in the monitored areas.

The IP Speaker can be connected to HikCentral platform directly, and alarm linkages can be configured on the platform to play audio or intercom as needed.

1.2 Solution Hardware Requirement

IP Speaker: DS-PA0103-B

IPC: Any IPC

1.3 Solution Software List

HikCentral version : V1.6.0015

IP speaker Finder : Hikvision IP Speaker Finder V1.2

IP speaker Audio Tool

All the device firmware and software is included in the solution package.

2. Solution functions and Device Configuration for Onesite Solution (NVR Solution)

2.1 Basic Speaker Configuration on NVR Webpage

- 1. Log into the NVR Web Client and go to Configuration → Network → Basic settings → IP Speaker.
- 2. By selecting the IP Speaker drop down list, an IP speakers' status can be checked.

] Syst	lem	TCP/IP DDNS PPPo	DE Port NAT IP Spee	aker	
) Netv	vork	IP Speaker No.	IP Speaker->1	•	
Basi	ic Settings	Enable			
Adva	anced Settings	Speaker Name	HIK IP speaker 1		
Vide	o/Audio	User Name	admin		
A Imag	ge	Password	•••••		
Ever	nt	Confirm			
Stor	age	IP Address	10.199.13.109		
ð Vehi	icle Detection	Port	8877		
S VCA		Speaker Volume		80	
- Hum	san Rody Cantura	First Binding Camera	None	•	
90) (10))	an body captore	Second Binding Camera	None	•	
		Speaker Online	Online	¥	

3. The IP speaker Name, Volume and 'Bounded Camera Channel' can be configured on this page.

Note: IP Speaker volume needs to be set **above 70** to provide sound.

] Sys			ack Picture	e Application	Configuration
	tem	TCP/IP DDNS PPF	PoE Port NAT	IP Speaker	
) Net	work	IP Speaker No.	IP Speaker->1	▼]	
Bas	ic Settings	Enable			
Adv	anced Settings	Speaker Name	HIK IP speaker 1		
b Vide	eo/Audio	User Name	admin		
] Ima	ge	Password			
] Eve	nt	Confirm			
Stor	rage	IP Address	10.199.13.109		
i Veh	icle Detection	Port	8877		
VC/	4	Speaker Volume	-	80	
2 Hun	nan Body Capture	First Binding Camera	None	*	
		Second Binding Camera	None	*	
		Speaker Online	Online	¥	

2.2 Upload Audio File to NVR

- 1. Install Hikvision IP Speaker Tool and run it.
- 2. Add the Target NVR to IP speaker.

😱 IP Speaker Tool				\$ O	_ 🗆 ×
Total Number: 1 🛛 🖓 Refresh	+ Add × Delete ⊑ Upgrade	R Batch Configuration	🕒 Export Device 🛛 🗟 Add IPC	Filter	Q
5 Restore Defi	iault Parameters 🔅 Reboot 🛛 🖓 Wiper	r Y 🕼 ONVIF 🛱 S	et via ISAPI 🛛 📟 Health Monitoring		
🕼 cgi 🕞	UPnP - C Time Synchronization	👌 Set Video Parameters 🛛 🔯 E	3in 🔀 Upgrading Detection		
🗟 Download C	Cert 🛞 Auido Uploading				
🧭 ID 🗠 Device Type 🛛 IP Address	S Port Channel Firmware Version	Serial No. Upgra	de Operation	Status	
☑ 001 iDS-9632NXI-I8/4F 10.9.99.63	8000 © V4.21.8 build 191014	iDS-9632NXI-18/4F16 Unkn	own ۞ 두 ⓒ @ 탁	Online	
M of Mandi of		(V)			
Total Number: の Refresh + Add	d 📿 Activate 🔏 Reset Password 🗹	Edit Network Parameters	One-Touch Apply () One-Touch Configure	Filter	Q
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001 iDS-9632NXI-I8/4F Activated	10.9.99.63 8000 V4.21.008build 191	.0 10.9.99.254 80	iDS-9632NXI-18/4F16 255.255.255.0	64-db-8b-a4-67-88	0
DS-7632NXI-I2/4S Activated	10.9.99.125 8125 V4.1.14build 18111	5 10.9.99.254 125	DS-7632NXI-I2/4S162 255.255.255.0	f8-4d-fc-ea-f7-e8	0
DS-7208HUHI-K Activated	10.9.99.139 8139 V3.5.35build 18031	.6 10.9.99.254 139	DS-7208HUHI-K2/P08 255.255.255.0	64-db-8b-a3-99-14	8

3. Click 【 1 Audio Uploading 】 to do operational recording, Audio batch distributed function. Click [2 Audio data] in the list of devices to view the results ofaudio files issued, the list of audio files on the device, and to delete the audio files on the device.

😱 IP Speaker Tool							\$ 0	_ D ×
Total Number: 1	C Refresh	$+$ Add \times E	elete 🖵 Upgrade		🕒 Export Device	Add IPC	Filter	Q
Ś	5 Restore Defa	ult Parameters	ें: Reboot जि Wiper	~ 🕼 ONVIF	🛱 Set via ISAPI 🖽 Hea	lth Monitoring		
6	G CGI	UPnP - 🕒	Time Synchronization	Set Video Parameters	🗟 Bin 🔹 Upgrading D	letection		
E	Download Ce	rt 🛞 Auido U	ploading 1					
✓ ID Device Type	IP Address	Port Cha	nnel Firmware Version	Serial No.	Upgrade Ope	eration	Status	
🗹 001 DS-7732NI-I4/16P	10.199.13.76	8000 ©	V4.21.8 build 191128	DS-7732NI-I4/16P16201	Unknown 🔅	₽ D O J	Online	
						2		
				· · · ·				
Total Number: 🧭 Refre	esh + Add		🔏 Reset Password 🛛 🖉	Edit Network Parameters	🚯 One-Touch Apply 🔞	One-Touch Configure	0 Filter	Q
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001 iDS-96128NXI-I24	Activated	10.199.13.186	8000 V4.1.65build 200116	10.199.13.254 80	iDS-96128NXI-124322019	9 255.255.255.0	98-8b-0a-c2-ac-24	0
002 DS-MP7608HN	Activated	10.199.13.27	8000 V5.2.1.177456build191	1 10.199.13.254 80	DS-MP7608HN2019042	3 255.255.255.0	44-47-cc-e1-29-55	0
003 DS-7716NI-14/16P	Activated	10.199.13.75	8000 V4.22.005build 200121	1 10.199.13.254 80	DS-7716NI-I4/16P16201	255.255.255.0	98-8b-0a-c2-b0-be	0
Error Message(0) 💉								al

4. Click [Audio Uploading] to upload local audio file, or to record audio files to the NVR. By default, the recording file is saved in the directory C:/users/public/IP speaker Record. Click the file path in the recording window to open the path. At the same time, after the end of recording, the current voice file will be automatically added to the list issued by the device and checked. The name of the voice file can be edited and modified here[?].

📭 IP Speaker Tool	¢ ⊙ _ □ >
Total Number: 1 🖉 Refresh + Add X Delete 🖓 Upgrade 🐻 Batch Cor Audio U	Uploading ×
5 Restore Default Parameters 👾 Reboot 🛛 Wiper 🗠 🔞 Of	
🔀 CGI 🔓 UPNP 🗸 🕓 Time Synchronization 🔯 Set Video Par	🚽 Record 🔟 Clear
🕒 Download Cert 🛞 Auido Uploading	Audio Name Size Operation
VI ID Device Type IP Address Port Channel Firmware Version Serial No.	
🗹 001 DS-7732NI-I4/16P 10.199.13.76 8000 🕲 V4.21.8 build 191128 DS-7732NI-I4/	
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Long Langer	
ID Device Type Security IPv4 Address Port Firmware Version IPv4 Gatewa	
001 iDS-96128NXI-I24 Activated 10.199.13.186 8000 V4.1.65build 200116 10.199.13.25	
002 DS-MP7608HN Activated 10.199.13.27 8000 V5.2.1.177456build191 10.199.13.25	
003 DS-7716NI-I4/16P Activated 10.199.13.75 8000 V4.22.005build 200121 10.199.13.25	
Error Message(0) 🗴	OK Cancel

5. Add NVR device to the device list and check it. Click the audio delivery button on the home page to access the audio delivery interface. Select [Add local file or recording], add audio to the send list, and start sending audio. The audio name can also be edited.

Audio Details			×
	Upload Tasks De	vice Audios	
n Clear			
Audio Name	Uploading Complete Time	State	Operation
IP_SPEAKER_RECORD_7	2020/02/21 17:03:45	Uploading Completed	\times
audio_testing.mp3	2020/02/21 17:03:46	Uploading Completed	\times

6. The device audio management interface displays audio files on the NVR, and an audio file can also be deleted from the device through this page.



Note: If HikCentral is used, you need to refresh NVR resources in the Physical View module of the Web Client to synchronize the audio to the HikCentral after uploading.

2.3 Event Linkage

Note: Currently we support audio linkage with motion detection, alarm input, intrusion, line crossing, region entrance detection, and region existing detection

System Settings	IP Camera			Add	Modify Dela	ate Quick	Add Custom Pr	otocol A	tivation	
Live View Settings	Channel No.	Camera Name	IP Address	Channel No.	Management Port	Security	Status	Protocol	Connect	
Maintenance	D1	8146F	10.199.13.73	1	8000	Weak	Offline(User nam	HIKVISION		*
Security	D2	IPCamera 02	192.168.254.18	1	8000	N/A	Offline(IP camera	HIKVISION		
Camera Managemer	D3	IPCamera 03	192.168.254.4	1	8000	N/A	Offline(IP camera	HIKVISION		
User Management	D4	IPCamera 04	192.168.254.5	1	8000	N/A	Offline(IP camera	HIKVISION		
Network	D5	IPCamera 05	192.168.254.6	1	8000	N/A	Offline(IP camera	HIKVISION		
Video/Audio	D6	IPCamera 06	192.168.254.7	1	8000	N/A	Offline(IP camera	HIKVISION		
Image	D7	IPCamera 07	192.168.254.8	1	8000	N/A	Offline(IP camera	HIKVISION		
Event	D8	IPCamera 08	192.168.254.9	1	8000	N/A	Offline(IP camera	HIKVISION		
Storage	D9	IPCamera 09	192.168.254.10	1	8000	N/A	Offline(IP camera	HIKVISION		
Vehicle Detection	D10	IPCamera 10	192.168.254.11	1	8000	N/A	Offline(IP camera	HIKVISION		
VOA	D11	IPCamera 11	192.168.254.12	1	8000	N/A	Offline(IP camera	HIKVISION		
VCA	D12	IPCamera 12	192.168.254.13	1	8000	N/A	Offline(IP camera	HIKVISION		-
Human Body Capture							Total 16 Items	<< 1/1	> >>	

2. Go to Event setting \rightarrow Linkage Method and tick 'Trigger IP speaker'. The audio file can also be selected.

HI	VISION	Live View Playback	Picture App	lication Configuration		
E	System	Motion Video Tampering Vide	eo Loss Alarm Input Ala	rm Output Exception		
Ø	Network	Camera [D1] 8	146F 🔻			
Q.	Video/Audio	Enable Motion Detection				
14	Image	Enable Dynamic Analysis for Mo	tion	_		
圁	Event	Play Filename IP_SF	PEAKER_RECORD_8 •			
1	Basic Event	Area Settings Arming Sched	ule Linkage Method			
	Smart Event	Normal Linkage	Trigger Alarm Output	Trigger Recording	Trigger IP Speaker	
6	Storage	Audible Warning	🔲 A->1	☑ D1	👚 🗑 IP Speaker1	
FQ	Vehicle Detection	Send Email	🔲 A->2	D2	IP Speaker2	
63	VCA	Notify Surveillance Center	🔲 A->3	🗐 D3	IP Speaker3	
30	Human Body Capture	Full Screen Monitoring	🔲 A->4	🔲 D4	IP Speaker4	
			🔲 D1->1	🗇 D5		
				D6		
				D7		
				D8		
				🗐 D9		
				D10		
				D11		
				D12		
				D13	•	
		Save				

3. Solution Functions and Device Configuration for Multisite Solution (HikCentral Solution)

3.1 IP Speaker Configuration

3.1.1 Basic IP Speaker Setting

1. Use the IP speaker Network Finder, click the [refresh] button to find the IP address of the speaker device in the same LAN.

Device	Addres	Speaker s Book X Delete	Finder V Tools Update	1.0 Language O About	Help									×
Flag	MAC	1		IP Addres	s	Device name	Device type	Version	Net interface	Local	DeviceNumber		1	
⊖ Online ⊖ Online	0.92	46.140.2	J9 251 10 82	10.199.13	.110 .109	1001 1001	DS-PA0103 DS-PA0103	V5.2.4 V5.2.4	10.199.13.42 10.199.13.42	LocalNetwork				

Double-click the IP Speaker device in the selected list, click [BaseParam] to view and change the device information and network parameters.

Note: The default IP Speaker password is 1234

	DS-PAUTU3 Param	eter settings	
Information	Device information		
BaseParam	DeviceNumber	1001	
	DeviceName	1001	
	UserName	admin	
	Password	******	
	- ID Address		
	DHCP	C Enable G Disable	
	IP Address	10.199.13.110	
	Netmask	255.255.255.0	
	Gateway	10.199.13.254	
	DNS		
	DNS Address	Enable C Disable	
	Primary DNS	192.168.1.1	
	Secondary DNS	192.168.1.2	
	Setting of server		
	Accunt		
	Password		
	Port	8877	
	Primary server	10.199.13.96	
	Secondary server		
		Authentication by both	
- <u> </u>			4

3. Log in the webpage of the device by entering device IP address, fill in the platform to which the device needs to be registered, exit the webpage, and click the Logout button to take effect.

HIKVISION	DS-PA0103			Logout
Network	Audio Server		Infomation	
Server	Server		The parameter is saved successfully. Please Logout to apply the new parameter.	
Sip Setting	Server IP	10.19.167.101		
Account	Server Port	8877		
Intercom	Server User		OK C	
Monitor	User Name for Server	admin		
Audio	Password for Server			
IP Filtering			Save	
Maintain				
Security				
Overview				

3.1.2 Update IP Speaker Firmware

1. Click [Update] on the main interface and click [Start] after selecting the upgrade file path.

🖼 Hikvision IP Speaker Finder V1.0		
Refiesh Add Delete Under About Ext		
UpdateServer v1.1		×
DeviceList		Updatefile
IP Address DeviceName Version MAC DeviceType	Process	UndetaFile
☑ 10.199.13.1 1001 DS-PA0103 0.9.246.140.209 10.199.13.42 ☑ 10.199.13.1 1001 DS-PA0103 0.9.246.140.210 10.199.13.42		E:\Sinrey\mp3\EA3800\EWARM\EA2203TC\Exe\Update_C_EA22
		Version: DateTime:
		DeviceType Desctription
		<u>^</u>
I⊽ Select All	Search	
V1.1 support 1M bytes bin file AgentPort = 65276	^	Threads 20
	~	Start
Γ		

3.1.3 Add IP Speaker to HikCentral

Log in to the webpage of the device, fill in the platform to which the device needs to be registered, exit the webpage, and click the Logout button to take effect.

HIKVISION	DS-PA0103				Logout			
Network	Audio Server		Infomation					
Server			The parameter is saved successfully. Please Logout to apply the new parameter.	The parameter is saved successfully. Please Logout to apply the new parameter.				
			the new parameter.					
Sip Setting	Server IP	10.19.167.101						
Account	Server Port	8877						
Intercom	Server User							
Monitor	User Name for Server	admin						
Audio	Password for Server	[
IP Filtering			Save					
Maintain								
Security								
Overview								

3.2 HikCentral Web Client Configuration

3.2.1 IP Speaker Management

Add IP Speaker

1. Log in to the Web Client, enter the Physical view \rightarrow IP Speaker page, click the add button, enter the Device's IP address, Device Name, User Name and Password, and add the Device to the Area. You can select Create Area by Device Name or Existing Area, then click add to add the Device to the platform, and refresh the Device several times, and the Device will be in the online state.

🔶 Hik	Central Professional Web Client		Site Map Hi,admin 🗸
ŵ	Encoding Device	Add IP Sneaker	
\odot	Access Control Device		
	Elevator Control Device	Basic Information	
#	Video Intercom Device	* Device Address 1019.8L122	
	Security Control Device	* Device Name 10.19.81.122	
	Dock Station	* User Name ad Ranger [1 to 32] characters	
	Display Screen	* Password 🖏	
Ea	IP Speaker	Ruky	
	Recording Server	Channel Information	
G	Streaming Server	Add Device to Area	
問	DeepinMind Server	* dava • Create Area to Denice Name	
	Security Audit Server	 Existing Area 	
8	Smart Wall		
18°E		Add Add and Continue Cancel	
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\$ <u>\$</u> ?			
**			

2. Check IP Speaker status on IP Speaker menu.

🔶 Hil	kCentral Professional Web Client						Site Map Hi,admin 🗸
ŵ	Encoding Device	+ Add 📋 Delete []; Audio File Ma					Search Q
\odot	Access Control Device	Device Name	Address	Device Serial No.	Network Status	Operation	
650	Elevator Control Device	□ <u>10.19.81.122</u>	10.19.81.122	/	🕑 Online	Ø	
5	Video Intercom Device	10.19.81.140	10.19.81.140	1	📀 Online	ø	
	Security Control Device						
	Dock Station						
	Display Screen						
E	IP Speaker						
-	Recording Server						
Lė	Streaming Server						
曲	DeepinMind Server						
	Security Audit Server						
8	Smart Wall						
Ř							
<u>e</u>							
\odot							
<u>ېنې</u>							
>>							
		Total 2 Record(s) 100 *					> > 1 /1 Go

Note: when checking the IP Speaker status, it may take time to refresh. The status will become 'online' after refreshing page a few time if it is configured correctly.

Managing IP Speaker

1. Enter the [Logical] module and select the area to enter the [IP Speaker] list interface to display the Speaker. IP Speaker devices.

V.	Recent of Protossional free callent						
	Area Group	HikCentral Professional	nalucie Ground I Dathway Analysis Groun	1011 - Darson Feature Analysis Ground 11 - Multi-F	nor Interlocking Groun(M) Anti-Dassback Gr	nun(0) Emernancy Oneration(0)	Ratition Group(M)
	+	Marin Group(o) People Analysis Group(o) Preac A	arysis Group(o) 1 Paurillay Analysis Group	(or The son reactive what sis shoup (or The or C	our interacting droup(or 1 who Passuack on	support chiergency operation(of t	
	HikCentral Professional	Cameras Doors Elevators	Radars Alarm Inputs	Alarm Outputs UVSSs I	P Speaker		
	Area Name						
	HikCentral Professional	+Add					Search
1000	III 10.19.81.124	Name Name	Address	Device	Network Status	Area	Added to Map
	101501100	10.19.81.140_10.19.81.140	10.19.81.140	10.19.81.140	Online	10.19.81.140	No
E.		10.19.81.122_10.19.81.122	10.19.81.122	10.19.81.122	Online	10.19.81.140	No
ß							
Ø							
c20							
253							
23							
		Total 2 Record(s) 100 *					< < > > 1 /1 Go

â	+ 2 1	10.15.97.207 Z	115.97.207 🗹								
\otimes	ItikCentral Professional	and a set country interval		and interfer a second control and order							
æ	Area Name	Cameras Access Points Alarm Inputs Alarm Outputs IP Speaker UVSSs									
~	V 🔇 HikCentral Professional										
	10.15.97.207	I 131597207 + Add									
	_	□ Name	Address	Device	Network Status	Area	Added to Map				
圕		207	10.15.97.207	10.15.97-207	🕙 Online	10.15.97.207	No				
<u> </u>			10.15.97.207	10.15.97.207	S offline		No				
Ep											
13											

Site Map | Hiadmin 🗸

2. Select the Speaker logic resource to add, edit and delete.

Group	Add IP Speaker
+ 2 0	"IP Speaker
HikCentral Professional	Search
Area Name	V 🖬 📖 10.19.81.140
V 🙆 UBControl Benferrisend	M 10.19.81.140
10.19.81.124	
10.19.81.140	
	Search
	10.19.81.124
	10.19.81.140
	Artif Navi Arab
	Add to Map
	Add Cancel

<u></u> Фн	ikCentral Professional Web Client		
6 9	Area Group + 🗹 🏦	© 10.19.81.140_10.19.81.140 Copy to Basic Information	task information Audio Han
	+	Basic Information There is 10181140_01881140 Volume43 Audio Plan Audio Plan Audio Plan Audio Plan Audio Plan Los Style Audio Plan Remark Remark	Addie Plan Map Settings
~		Save Cancel	Set G5 Relate Map

In the Speaker configuration page, edit the screen to change the Speaker name, volume, audio playback plan, and map Settings. Click the "Copy to" button to batch Copy the volume and audio playback plan of the Speaker.

<u></u>	KCentral Professional Web Client		Site Map Hiadmin ~
۵ 9	Area Group	© 10.19.81.122_10.19.81.122	
	HikCentral Professional Area Name HaCentral Professional In1981.228 In1981.140	"Name IO1585122_101981322 Volume	softed configuration parameters to other speakers for birth configuration
		23 Selections to Copy 24 Map Settings Add to Map 25 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 25 25 25 25 25 26 26 26 27 28 29 29 29 29 20	Citet Tayet C City 15 earch
Ĩ			OK Canadi and a second se
		Save Cancel	

Note

- a) The IP Speaker volume needs to be configured to be 70 or above to hear
- b) When the IP Speaker device is offline, the volume will be set to the IP Speaker device. When the device is online or starts broadcasting voice or playing audio files, the volume will be set to the IP Speaker device.

3.2.2 Upload Audio File

1. Log in to the Web Client, enter the Audio File Management module in the Physical

view \rightarrow IP Speaker page, and click the Upload Audio File button. Select a file, then click the Import button to upload the file to the service.

- 🔶 Hil	kCentral Professional Web Client							Site Map 1	Hiadmin ~
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\bigcirc	Access Control Device	Device Name	Upload Audio File	ddress	Device Serial No.	Network Status	Operation		
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æ	Video Intercom Device	10.19.81.140		10.19.81.140	7	🔮 Online	ø		
B	Security Control Device								
رسي	Dock Station								
æ	Display Screen								
_	IP Speaker								
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☺	DeepinMind Server								
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� н і Са Ф	Central Professional Web Client Encoding Device Access Control Device Elevator Control Device	+ Add	2. Audio File Ma.	tasi2.mp3		Network Status	이 Operation	Site Map	Hi,admin V Q
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◆ H	Central Professional Web Client Encoding Device Access Control Device Elevator Control Device Video Intercom Device Security Control Device Dock Station	+ Add Delete Device Name 10.19.81.122 10.19.81.140	2 Audio File Ma. * Upload Local Au	foot2mp3 () The file size carred be larger than 30 M		Network Status Ornine Office	Operation ご ご	Site Map	Hiadmin ∨
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	Control Professional Web Client Encoding Device Access Control Device Elevator Control Device Video Intercom Device Security Control Device Deck Sation Display Screen	+ Add Delete Delete Delete Name 1019/91122 1019/91340	C: Audio File Ma	Treat2.mg3	and a second sec	Network Status Online Online	operation ਨ ਨ	Site Map Search	Hladmin ∨ Q
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◆ ☆ ⑦ 乗 日 個 転 ほ 営 八 函	Control Professional Web Client Encoding Device Access Control Device Beyator Control Device Security Control Device Dock Station Display Screen Display Screen Streaming Server Security Audit Server Security Audit Server Smart Wall	+ Ad Delete Delete Name Dis181122 Dis1811340	C. Audio File Ma	<u>list2.mg3</u> () The lie size convect be larger than 30 M	incent in the second seco	Network Statu Online Online	Operation ව ව	Ste Map Search	Hladmin ~
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2. View the uploaded audio file. At the end, click the View Event Audio File button to see the Audio files uploaded onto the platform.

i 🔶 Hi	kCentral Professional Web Client								
	Encoding Device	+ Add 🗂 Delete	2 Audio File Ma.					Search	Q
Ø	Access Control Device	Device Name	Upload Audio File	ddress	Device Serial No.	Network Status	Operation		
~	Elevator Control Device	10.19.81.122	View Uploaded Audio File	0.19.81.122	7	🕑 Online	ø		
68	Video Intercom Device	10.19.81.140		10.19.81.140	7	🕑 Online	Ø		
	Security Control Device								
	Dock Station								
(III	Display Screen								
E	IP Speaker								
	Recording Server								
ß	Streaming Server								
¢	DeepinMind Server								
	Security Audit Server								
8	Smart Wall								
Ŕ									

	HikCentral Professional Web Client						Site Map Hi,	dmin ~
ŵ	Encoding Device	+ Add						
0	Access Control Device	Device Name	Address	Device Serial No.	Network Status	Operation		
~	Elevator Control Device		10.19.81.122		🕑 Online	G		
₩B	Video Intercom Device	10.19.81.140	10.19.81.140		Online	C		
	Security Control Device							
- Anna -	Dock Station							
12	Display Screen		View Uploaded Audio File	×				
E.	IP Speaker		1 Delete					
0	Recording Server		File Name	Operation				
13	Streaming Server		Coccoon_Jack Johnson_128K.mp	в X				
	DeepinMind Server		test1.mp3	×				
건	Security Audit Server		Coccon_Jack Johnson_128K.mp	a X				
Q			L test2.mp3	X				
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R			Total 4 Record(s) 100 +	< < > > 1 /1 Go				
-				Close				
(and								
0								
£53								
SR								
		Total 2 Record(s) 100 +					> > 1 1 /1	Go

3. To delete the audio file, check the audio file to be deleted, and then click the Delete button to delete one or more audio files. You can also delete an audio file by clicking the button at the end of each line.

۷	′iew Upl	loaded Audio File	>	×
	前 Del	lete		
		File Name	Operation	
	~	Cocoon_Jack Johnson_128K.mp3	×	
		test1.mp3	×	
		Cocoon_Jack Johnson_128K.mp3	×	
		test2.mp3	×	
1	Total 4 F	Record(s) 100 -	< < > > 1 /1 Go	
			Close	

View Up	loaded Audio File		×
前 Del	lete		
	File Name	Operation	
	Cocoon_Jack Johnson_128K.mp3	×	
	test1.mp3	×	
	Cocoon_Jack Johnson_128K.mp3	×	
	test2.mp3	×	
Total 4 F	Record(s) 100 -	< < > > 1 /1 Go	
		Close	

Note:

Audio files with the same name cannot be uploaded to the service.

3.2.3 Event Linkage

- Go to HikCentral Web Client → 【Event &Alarm】 → 【System-Monitored Event】
- Click the "Add" button to Add a new event. Click the Actions linkage button and open the Link IP Speaker button to expand the Speaker linkage configuration interface.

🔶 Hi	ikCentral Professional Web Client		
â	System-Monitored Event	⊗ Add System-Mo	nitored Event
\heartsuit	Generic Event User-Defined Event	1 Trigger Recording	
()	Alarm	Create Tag	
		G Capture Picture	
		Link Access Point	0
Ę		Link Alarm Output	0
R		Link IP Speaker	
dia			Up to 64 IP Speakers can be selected as event linkage and has 0 been selected
			Those Operation
8			wspaceryparae Q
Ą			☑ ↓ HIK IP speaker 1.NVR ☑ ↓ HIK IP speaker 2.NVR
\oplus			
<u>ې</u>		Trigger PTZ	
		Send Email	
		Trigger User-Defined Event	Add
			Add Add and Trigger Alarm Cancel

3. Speaker linkage can be added, edited, and/or deleted. The audio file played by the Speaker is saved on the NVR, and the HikCentral service only gets the corresponding file ID and file name.

🔶 н	ikCentral Professional Web Client	
ŵ	System-Monitored Event	⊖ Add System-Monitored Event
	Generic Event	
	User-Defined Event	
	Alarm	Create Tag O
		Capture Picture
		Link Access Point
E.		Link Alarm Output
		Link IP Speaker
		① Up to 64 IP Speakers can be selected as event linkage and has 2 been selected
		+ Add
		IP Speaker Area Audio Play Operation
		HIKIP speaker 1_NVR NVR IP_SPEAKER_RECORD_5 V
		Trigger PTZ
		Send Email
		Trigger User-Defined Event
		Add Add and Trigger Alarm Cancel

4. After adding the event linkage, return to the event list interface, wait for the event to be triggered or click the "simulate trigger" button, and the Speaker device will play the configured audio.

🔶 Hil	kCentral Professional Web Client					
ŵ	System-Monitored Event	+ Add				
\odot	Generic Event	Event Name	Source	Triggering Event	Action	Operation
æ	User-Defined Event	10.18.84.151_Camera 01-Camera Offline	10.18.84.151_Camera 01	Camera Offline	Configured	(C)
95	Alarm					
гШ						
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Ľ						
R						
ಣ್ಣ						
Ø						
÷						
>2						
		Total 1 Record(s) 100				K Z S S A M

Note

1. After the Speaker starts to play the audio, the next audio can only be played after the completion of the current audio, which cannot be paused or stopped in the middle (however, [?] the audio currently playing can be eliminated by intercom).

2. The next audio can be played about 10 seconds after the completion of normal audio playback.

3.2.4 Schedule Audio Plan Settings

1. Go to Logical View IP Speaker module, and click the Speaker name to go to the configuration page.

🔶 н	ikCentral Professional Web Client				
ŵ	+ 🗹 🗊	HikCentral Professional 🗹			
\bigcirc	W HikCentral Professional	Entry & Exit Counting Rules(0) Mu	ilti-Door Interlocking Rules(0) Anti-Passba	ck Rules(0) Security Control Partitions(0)	
@	Area Name	Cameras Access Points	Alarm Inputs Alarm Outputs	IP Speaker UVSSs	
	S HikCentral Professional S146 NVP	+ Add	L		
		🗆 Name	Address	Device	Network S
		IP Speaker 01_NVR	10.199.13.99	NVR	🕑 Online
ß	4	IP Speaker 02_NVR	10.199.13.99	NVR	S Online
G					
団					
8					
\oplus					
÷					

2. Click on [Add Plan] and enter the name of the Plan, Plan Effective Period, and Plan repeat period.

	These loss to at the			
	Name IP Speaker 01_NVR			
	Volume75			
Audio Plan				
	+ Add Plan			
	*Plan Name			
	*Plan Name *Plan Effective Period			1
	*Plan Name *Plan Effective Period *Plan Repeat Date	Mon.	Tue.	Wed.
	*Plan Name *Plan Effective Period *Plan Repeat Date	Mon.	Tue. Fri.	Wed.

3. After creating the plan, click [Add Task] to Add the playback Task, enter the Task name, plan start time, fix play time, and select the audio file name.

in opeaner .		
Basic Information		
	"Name IP Speaker 01_NVR	
	Volume75	
Audio Plan		
	1 courses	
	+ Add Plan	
	ffs	2020/03/02-2020/03/20
		+ Add Task
		*Task Name ffs 📀
		"Plan Start Time 15 : 00 : 00 🗘
		Fixed Play Time
		"Audio Play +
		Save
	Save Cancel	

4. Click save, and the IP Speaker will start playing the selected audio at the scheduled time.,

IP Speaker 01_NVR 75	
IP Speaker 01_NVR	
75	
+ Add Plan	
ffs	🗮 2020/03/02-2020/03/20 🛛 🚱 Mon., Tue., Wed., Thu., Fri.
	+ Add Task
	13:26:00-13:27:00 • ffs audio_testing
1	ř.

Note:

1) A Speaker can be configured with a maximum of 32 audio playback plans,

and each Speaker can add a maximum of 8 tasks

2) The start time of all audio playback tasks cannot be the same under a

Speaker's different playback plan.

3) All audio playback tasks cannot start at the same time for different playback plans for a Speaker.

4) If the audio player file has been deleted, this task and the corresponding plan will prompt an "exception".

HikCentral Professional Web Client		Site Map Hi,admin 🗸
Ares Group + - - + - + - + - + - + - + - + - + - + - + - + - + - + - + - - - + - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	© 10.19.81.140_10.19.81.140 @ copy to Basic Information "Name 10.19.81.140_10.12.81.140 Volume	Basic Information Audio Flan Map Sattings
10.19.81.140	Audio Plan + Add Plan	
52 13 13	● Plan1 ■ 2020/05/12-2020/05/31 69 Mon, Tue, Wed, Thu, Fri, Sat, Sun, + Add Task 0.000/02/202000 ● task1 Coccon_lack Johnson, 128K.mp3, testImp5	
R ف	Map Settings Add to Map O	"Tasik Name task: "Plan Start Time 00 : 00 : 00 •
(m)		ano lime (µ : 40 : 00 •) *Audio Ray + Cocoon, Jack Johns ↓ ↑ × testI.mp3
® 22	Save Cancel	Test2mp3 Save

3.2.5GIS/E-Map Configuration

- 1. Log in to the Web Client, enter the [Logical] module, and select a region to enter the List of IP Speakers.
- 2. Drag the Speaker logic resource to the GIS/ e-map to add Speaker hotspots.

- 🎨 н	ikCentral Professional Web Client								Site Map Hi,admin 🗸
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\odot	HikCentral Professional	Entry (0) Multi-Do (0) Anti	(0) Secur(0)			1 · ~	GANSU	Tianin 天津	Pyongyang
	Area Name	Cameras Access Points	Alarm Inputs	Alarm Outputs IP Speaker	UVSSs	INGHAI	NINGXIA	SHANXI SHAN	DONG South
	HitCentral Professional						Xian Xian	C. H. C. C. C.	Yellow Sea
=	10.15.97.207	+ Add Delete			Search Q			1000	
-		□ Name	Device	Area	Added to Map	2 mar	🖉 🚺 Delete	AN AN AN	JIANGSU
B		5,97.207	10.15.97.207	10.15.97.207	Yes	the states	10.18.83.115.10.15. Chengdu	HUC	Shanghai 上海
		97.207	10.15.97.207		Yes		SICHUAN Chongqing	ANHUI	East China See
Eà						AL		STATISTICS STATIST	ZHEJIANG
						24	GUIZHOU	HUNAN JIANGXI	🥥 📩
G		Total 2 Record(s) 100 +			>> 1 /1 Go	5113 L.º		FUJIA	Taipei

3. Select Speaker hot spot on GIS/ e-map to edit (icon type, name color) and delete.

	(←)
W HikCentral Professional	Basic Information
Area Name	"Name J7
HikCentral Professional	Volume
	Audio Plan
	Man Cattions
	map settings
	Add to Map
	GPS Location Bai Da Lu, Lizhou Qu, Guangyuan Shi, 🖞
	Icon Style 📀 👻 Add New
	2
	Name Color 🔹
	Remark

4. Go to the map configuration page of [System], and modify the size and icon of IP Speaker.

	∽ Normal	Мар
\odot	Site Name	
~	Мар	GIS Map Settings
(B)	First Day of Week	GIS Map
	Temperature Unit	GIS Map API URL https:// AHWI
	Server Usage Thresholds Network	Icon Settings
E.	> Storage	Type O Hot Region
ß	> Schedule Email	Access Point Alarm Input
団	Report Evidence Collection	Alarm Output JP Speaker
0	> Advanced	○ UV55
~		Size Width (px) 56 C GP
F.		Picture + Add 🗹 Edit 💼 Delete
\oplus		0
ين ې		Default
		Save

3.3 HikCentral Control Client Operation

3.3.1 Basic Operation

1. Log in to the Control Client, enter the IP speaker module, and select the speaker to operate on.

HikCentral Professional Control Client	8		₽ 11 [*] ± Q	u 🖾 admin∨ 17:02:23 UTC+00:00 👌 — 🗆
Surveillance	Investigation	With IP Speaker	× Maintenance	888 Smart Wall
		Search		VSPlayer
L				⊡ ¶ Broadcast
Monitoring	Video Search	IP Speaker 01_NVR	Health Monitoring	لَ Alarm Output
		The speaker of 100		Q Two-Way Audio
ì	E			💭 iP Speaker
Alarm Center	Alarm/Event Search		Audit Trail	
		IP Speaker	•	Download Center
	DR925			Local Picture
	ریالی کر پر کر			Local Recording
		00:00 Start		्रि} System
				(?) Help
	identity Access Search			

2. Select the speaker resource, select [IP speaker], and click start to start the real-time audio broadcasting[?].

Search	Q
∽ 📕 NVR	
📣 IP Speake	r 01_NVR
📣 IP Speake	r 02_NVR
IP Speaker	
IP Speaker	*
IP Speaker	•
IP Speaker	¥

3. Select the speaker resource, select [Play device audio], select the file and click Play to Play the NVR remote audio file.

Sear	ch	С
~ 1	I NVR	
	IP Speaker 01_NVR	l.
	📣 IP Speaker 02_NVR	
21		
Play	device audio	
Play Filte	device audio	÷
Play Filte	device audio	Ð
Play Filte	device audio IP_SPEAKER_RECORD_1 IP_SPEAKER_RECORD_8	•

4. Select the speaker resource and select [Play local audio]. You can select the local audio file, which supports MP3 format and is less than 10M. Click Start to Play.

With IP Speaker	×
Search	Q
∨ <u>∎</u> NVR	
📣 IP Speaker	01_NVR
📣 IP Speaker	02_NVR
Play local audio	•
Play local audio	• @

Note

1) No audio can be played in a shout

- 2) Size of local audio files supports MP3 files below 10M, and WAV format devices are not currently supported
- 3) If the IP Speaker is offline, the client will automatically update the status within three minutes; An offline speaker cannot be disabled
- 4) Multiple clients cannot broadcast [?] at the same time
- 5) The PC is not connected to the radio equipment, so there will be an error



message in one-way audio-talk

3.3.2 GIS/E-Map operation

1. After configuring the resources of the IP Speaker on the e-map/GIS-map on the web side, log in the client side, enter the Map module, and click the IP Speaker resource.



2. Click [IP Speaker] to broadcast [?], click [Play device audio] to Play the audio file uploaded by the remote NVR, and click [Play local audio] to select the local

audio file to Play. The operation is the same as the operation of the toolbar IP Speaker.



Note:

1) If there are multiple IP speakers on GIS/ e-map, switching IP speakers will pause previous IP speakers

2) If the customer is doing broadcast, map broadcast will be failed.

3) Size of local audio files supports MP3 files in format less than 10MB, and wav format is not currently supported.

3.3.3 Broadcast

1. Log in to the client, select [Broadcast], enter the Broadcast interface, select [IP Speaker], select the region, select IP Speaker resources, click on the following ([Broadcast], Broadcast propaganda.

likCentral Profes	sional Control Client				₽ N° .	r t 🖂	admin ~	17:37:40 UTC+00:00	8 – □ ×
	Broadcast				۵				
Surveillance		Device	IP Speaker					888 Smart Wall	
_	[]		Open	Close	Filter	-		VSPlayer	
Ľ	Search Q	IP Speake	Area Name	Network	Playing status			ि Broadcast	
Monitor	V G HikCentral Professio	IP Speaker	NVR	Online	Disabled			Alarm Output	
								0 Two-Way Audi	
<u>`</u> ل								➡ IP Speaker	
Alarm Ce									
								🕹 Download Cen	
								Local Picture	
								🔁 Local Recordin	
								र््रे System	
								Help	
		-							
	Identity Acce	ss Search							

2. Log in to client, select the "Broadcast", in the radio interface, select "IP Speaker", select area, choose IP Speaker resources, click on the image below the "Open", select "Broadcast" to Broadcast propaganda, choose the Play device audio **]** broadcasting digital NVR uploaded audio files, select **【** Play local audio **】** select local broadcasting audio file. The operation is the same as the operation of the toolbar IP Speaker.

HikCentral Professional Control	Client		🤌 N 🗄 🗘 🖾 🛛	dmin 🗸 16:24:02 UTC+00:00 🔒 🗕 🗆 🗙
	Broadcast		×	
Surveillance		Device IP Speaker		BBB Smart Wall
	[Open	Close Filter	VSPlayer
	Search Q	IP Speake Area Name	Network Playing status	ि Broadcast
Monitoring	 WR WR 	IP Speaker NVR	Online Disabled	Alarm Output
×12				
\square				史내, IP Speaker
Alarm Center				, Management
				Download Center
				Local Picture
				Local Recording
				{Ô}} System
				(?) Help
	Identity Access Search			

Note:

(1) HikCentral will stop an audio file when you choose another IP Speaker on GIS/E-Map.

(2) Two-way audio on GIS/Map will fail when the client is broadcasting.

(3) Local files only support MP3 format and no more than 10MB.

(4) You can't operate an IP Speaker when the channel status is offline. HikCentral will detect it in 3 minutes.

(5) HikCentral service will synchronize audio files on the NVR. You can refresh the NVR status if you don't file the audio file.

END