A8 AcuSense NVR V4.51.200_211026

Release Notes

(2021-11-1)

	Firmware Version:	V4.51.200_211026				
Firmware	SDK Version:	V6.1.4.45_build20200525				
	Play Library (PlayCtrl.dll)	V6.0.0.5				
Basic Information	Web version	V4.5.0build211009				
	Client version	V3.6.5.4 build20211013				

Reason of Upgrade

Add new features and optimize product performance.

New features

1. Support access to HPC cloud platform

- a) Support upgrade devices by Hik-Pro-Connect client;
- b) Support download videos from Hik-Pro-Connect client;
- c) Support video playback on Hik-Pro-Connect client;
- d) Support upload alarm to HPC cloud platform.

2. Access to HCP platform

- a) ISUP (Ehome5.0) supports channel-zero live view: enable and disable channelzero through ISUP transparent ISAPI protocol. After enable it, you can live view the zero channel of the device. The transmission mode is TCP protocol;
- b) ISUP (Ehome5.0) supports daylight saving time. The protocol adds time zone information. It only supports retrieval by time and playback by time;
- c) ISUP (Ehome5.0) supports queuing report. Supports obtaining the queuing detection capability set, the number of queuing people, the result information of the detection report, the result information of the detection report of queuing time, and the related capabilities of queuing detection;
- d) ISUP (Ehome5.0) supports sub stream playback in dual stream recording mode.
 If the sub stream recording is not started or there is no sub stream at that time,
 the error code "current video does not exist" will be returned

- 3. Audible Warning (previous "Audible warning" change to "Buzzer")
 - a) Support users to import customized voice files via Web page or local GUI. The maximum capacity is 2MB, the size of a single audio file is 2K ~ 1MB, and the maximum support is 16 audio files.

HIKVISION				Configuration	
🖵 Local	Audio Management				
🗄 System 🔷 🔿		+ 11	nport 🗍 D	elete	
System Settings			No. File	Import audio file	×
Maintenance			1 norn	*File Name	
Security			2 abno	*Select File	Select
User Manage			3 plea	0	Only supports AAC (recommended), MP3 format audio files. Each file size annot exceed 1MB.
Camera Mana					OK Cancel
VCA Configur					OK Cancel
Live View Setti					
Audio Manage					

- b) Default voice: Normal temperature, Abnormal temperature, Please wear a mask;
- c) Support AAC and MP3 format audio files (AAC is recommended);
- d) Support link customized audio files in alarm event, and can configure associated voice and arming schedule;

HIKVISION	Live View Playback Pi	cture Application	Configuration	Display Alarm		
📮 Local	Camera	[D1] human body	~			
🖽 System 🗸 🗸	Enable Non-Real-Time Face Com					
៧⊐ Video/Audio	Face Comparison Stranger Detecti	on				
🛱 Event 🔨	Enable					
Basic Event	Prompt for Failed Face Comparison	Compare failed				
Smart Event	Prompt for Succeeded Face Com	Welcome				
Face Compari	Enable Alarm Output Pulse					
People Freque		Arming Schedule	Linkage Method (Fa	a Linkage	Method (Fa	nked Face Pictu
More Events		Normal Linkage	Trigger	r Alarm Out	✓ Trigger Recording	PTZ I
Hetwork ✓		Buzzer Send Email	A->1		✓ D1	Pr
🖾 Image		Notify Surveillance	A->3			1
₽ VCA ~		Audible Warning	[ĝ] A->5 □ A->6			P a
(♦) Target Capture			A->7			Pa
'⊖' Vehicle Detection			A->8	-		1
e) Availat	ole functions: Face	capture, Fa	ace com	parison,	Multi-Targ	et-Type

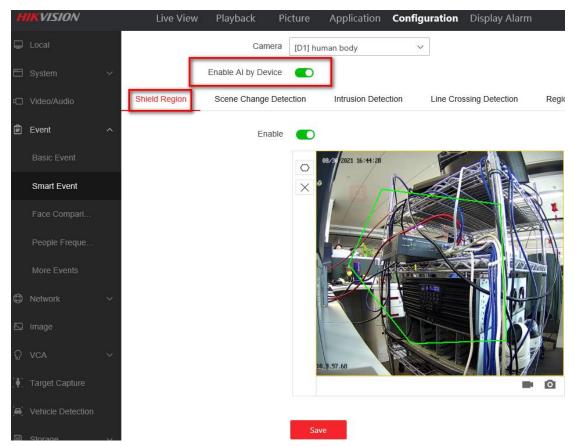
Detection, Perimeter.

4. Support Ukrainian in language

5. Support EZVIZ cloud channel two way audio

6. Perimeter support shield region function

- a) After enable AI by device, there is Shield region configuration interface in every channel.
- b) Shield region is a channel level parameter (after the shielding region is configured, it will shield the corresponding areas of Line crossing, Intrusion, Region entrance and Region exiting at the same time).



7. Support alternate SMTP service configuration

- a) Support configure alternate SMTP, if the email sent to preferred SMTP failed, it will send to the alternate SMTP.
- b) The email testing on Web page will only test preferred SMTP, the alternate SMTP won't be tested. The email testing on local GUI will test preferred SMTP firstly, then test alternate SMTP later.

H	IKVISIO N		Live	View	Playback Pi	icture	Application	n Configurat	tion [Display Alarm	
Ţ			SNMP	Email	Platform Acce	ess	802.1x	Integration Protoco	ol	Network Service	Smooth Streaming
=		~			Sender						
Ē					Sender's Address						
¢.		~	Preferre	ed SMTP							
Ф	Network	^			SMTP Server						
					*SMTP Port	25					
	Advanced Con				OWN FOR	25	able SSL/TLS				
N						Aut	hentication				
ତ	VCA	~			User Name						
(#)					Password		• •				
[A]					Password Confirm	••••	• •				
Đ		\sim	Alterna	te SMTP							
IOT		~				Ena	able Alternate SM	ITP Server			
			Other S	ettings					_		
						Atta	ached Image				
					Interval			~ s			
								· · · · · · · · · · · · · · · · · · ·			

Solved issues

- 1. Fixed issue: When a low-power camera is connected to NVR, the device may think that it is offline due to the low instantaneous power of the camera, and power off the POE
- 2. Fixed issue: The device cannot be turned on after switching to Arabic

Related product list

	Overseas:
	DS-9616NXI-I8/S(C)
	DS-9632NXI-I8/S(C)
AcuSense NVR	DS-9664NXI-I8/S(C)
	DS-7916NXI-I4/S(C)
	DS-7932NXI-I4/S(C)
	DS-7916NXI-I4/16P/S(C)

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect

automatically after upgrading from previous versions. We'd like to inform you the

above changes. Also, we are sorry for any possible inconvenience of use-habit

changes caused by this action.

For questions or concerns, please contact our local technical support team.

Note:

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