How to configure alarm function of NVR

Part 1: Configuration of Alarm in triggering E-mail

Step 1: Click Menu> Configuration> Network

· · · · · · · · · · · · · · · · · · ·	Configuration
🕸 General	General PPPOE DDNS NTP Email SNMP More Settings
Network	NIC Type
Alarm	
	IPv4 Address 172 .6 .13 .103
rs-232 ∉	IPv4 Subnet Mask 255 .255 .0
👁 Live View	IPv4 Default Gateway 172 .6 .13 .1
A Exceptions	MAC Address
* Lleor	MTU(Bytes)
	Preferred DNS Server 10.1.7.88
	Alternate DNS Server

Configure IP, Subnet mask, Gateway and preferred DNS server of NVR.

Step 2: Click Network>Email to set the parameters of E-mail server as

the followed snapshot shown.

	Configuration
General PPPOE DDNS NTP	- <u>Email</u> SNMP UPnP More Setting
Enable Server Authentication	
User Name	lixinyf4@hikvision.com
Password	*****
SMTP Server	smtp.263xmail.com
SMTP Port	25
Enable SSL	
Sender	lixinyf4
Sender's Address	lixinyf4@hikvision.com
Select Receivers	Receiver 1
Receiver	lixinyf4
Receiver's Address	lixinyf4@hikvision.com
Enable Attached Picture	
Interval	25

Step 3: Click Menu>Camera, and then type in the parameters of IP

k	Camera Management						
🔄 Camera 🔷 🔸	Analog IP C	amera					
💕 OSD	Synchroniz	ze IP Camera	→ →	No. Edit	P Address A		
🕄 Image	IP Camera	IP Camera 1	~				
■ PT7	IP Camera	172.6.13.45					
N Markan	Protocol	HIKVISION					
X Motion	Manageme	8000					
Privacy Mask	Channel No.	1					
🐺 Tamper-proof	User Name	admin					
	Admin Pas	*****	J	< 111	1		
	Added IP Car	neras	Add		Quick Add		
	Camer Edit	Delet Live \ Ca	mera Name IP Ca	mera Ad Mana	ge Pc Protocol		

cameras to them.

Step 4: Click **Configuration> Alarm** to check the type of Alarm input. Please note: If the Alarm type is N.O (Normal open), a close alarm in will trigger this alarm. If the Alarm type is N.C (Normal close), an open alarm in will trigger it.

		Configuration		
🕸 General	Alarm Status Ala	rrm Input Alarm Output		
🛃 Network	Alarm Input List			
\land Alarm 🔹	No.	Alarm Name	IP Camera Address	Alarm Type
	A<-1	Alarm Input1	Local	N.0
,≇ RS-232	A<-2	Alarm Input2	Local	N.O -
Live View	A<-3	Alarm Input3	Local	N.O
A Exceptions	A<-4	Alarm Input4	Local	N.O
A Exceptions	A<-5	Alarm Input5	Local	N.O
👪 User	A<-6	Alarm Input6	Local	N.O
	A<-7	Alarm Input7	Local	N.O
	• • •	•1140	1 1	<u>₩</u> ∧
	Alarm Output List			
	No.	Alarm Name	IP Camera Address	Dwell Time
	A->1		Local	5s
	A->2		Local	5s
	A->3		Local	5s
	A->4		Local	5s

			Configuration
🌣 General	Alarm Status	Alarm Input	Alarm Output
🛃 Network	Alarm Input N	0.	A<-1
🔺 Alarm 🔷 🔹	Alarm Name		Alarm Input1
■ RS-232	Туре		N.O
	Setting		
 Live View 	Handling		\$
Exceptions			
🔹 User			

Step 5: Click Alarm> Alarm Input> Handling.

Step 6: Select the trigger channel such as channel 1.

		Configuration		
🕸 General	Alarm Status Alarm Input	Alarm Output		
🛃 Network	Alarm Input No.	A<-1		
\land Alarm		Handling		
≢ RS-23₺	Trigger Channel Arming Sche	edule Handling	PTZ Linking	
Live View	■ <mark>IP camera</mark> ■ A1	■ A2 ■ A3	■A4 ■A5	■ A6
▲ Exceptions	■ A / ■ A13	■ A8 ■ A9 ■ A14 ■ A15	A10 A11	■ A12
👪 User				
		Apply	ОК	Cancel

		Conf	guration		
🕸 General	Alarm Status	Alarm Input Alar	m Output		
🛃 Network	Alarm Input N	lo. A<-1			
\land Alarm		На	ndling		
≢ RS-232	Trigger Channel	Arming Schedule	Handling	PTZ Linking	
Live View	Week	Mon			~
A Exceptions	1	00:00-24:00			9
	2	00:00-00:00			9
Ser User	3	00.00-00:00			9
	4	00:00-00:00			9
	5	00:00-00:00			9
	6	00:00-00:00			9
	7	0):00-00:00			9
	8	00:00-00:00			9
		*			
		Copy A	pply	ок	Cancel

Step 7: Click Arming schedule, select all day and then copy it to all week.

ł

	Configuration	
General	Alarm Status <u>Alarm Input</u> Alarm Output	
🛃 Network	Alarm Input No. A<-1	
\land Alarm	Handling	
🕫 RS-232	Trigger Channel Arming Schedule Handling PTZ Linking	
Live View	Full Screen Monitoring	
A Exceptions	Audible Warning	
👪 User	Send Email	
	Trigger Alarm Output	
	Apply OK Cancel	

Send Email.

Step 9: Connect the Alarm In 1 port and G port to your alarm system.



Step 10: When there is a N.C signal to Alarm 1, the NVR will send you an

e-mail as the followed snapshot shown.

The Alarm In 1(A<-1) is triggered.



Part 2: Configuration of alarm notify surveillance center function

in iVMS4200

Preparations: Please download iVMS-4200 software from the official website of Hikvision and install it on PC. Make sure the video can be viewed live.

Step 1: Switch to **Device Management** and click the **Add** button.



Step 2: Select NVR, click **Remote Configuration**> **Alarm**, and then configure alarm parameters.

	Ser alarm input and	output parameters of the	device		
📙 General	g. alarm input nar	ne and linkage mode, ar	ming schedule of alarm	i input & output, etc.).	
일 Network	Alarm Input Sottings	Others Marra			
Alarm	Alarm Input	A<-1		~	
User	IP Address:	Local			
🛨 HDD	Alarm Name:	Alarm		-	
Exception	Alarm Status:	Normal Open		1.	
J File	Handling:		_	_	
Log	Arming Schedule:	All-day Template	6		
Others		Arming schedule allo	ws 8 time frames in eac	h day.	
Outera	Linkage	Set	Handle alarm: trigger	recording, PTZ linkage.	
	Afarm Output Settings				
	Alarm Output Settings Alarm Output	A->1			
	Alarm Output Settings Alarm Output IP Address:	A->1 Local		· ·	
	Alarm Output Settings Alarm Output IP Address: Output Delay:	A->1 Local 5s		v v	
	Alarm Output Settings Alarm Output IP Address: Output Delay: Arming Schedule:	A>1 Local 5s Template 01	6	▼ ▼	

Step 3: Enable **Handling** and then configure schedule of alarm. (Please note that if you have set them in local menu of NVR, this step will be no necessary.)

		Templates	×
All-day Template	8		
Weekday Templ	Mon	0 2 4 6 8 10 12 14 16 18 20 22 24	
Template 01	Tue	<u>0 2 4 6 8 10 12 14 16 18 20 22 24</u>	
Template 03	Wed	0 2 4 6 8 10 12 14 16 18 20 22 24	
Template 04	Thu	0 . 2 . 4 . 6 . 8 . 10 . 12 . 14 . 16 . 18 . 20 . 22 . 24	
Template 05	Fri	0 2 4 6 8 10 12 14 16 18 20 22 24	
Template 07	Sat	0 2 4 6 8 10 12 14 16 18 20 22 24	
Template 08	Cur		
Template 09	Sun		
Customized			
		Confirm Cancel	

Step 4: Click Linkage Set and then enable Notify Surveillance Center, Email linkage, and Triggered Camera. (Please note that if you have set them in local menu of NVR, this step will be no necessary.)

		Device Parameters			×	
Information	Set alarm input and o	output parameters of the device		Alarm Ing	put Linkage Settings	×
General	(e.g. alarm input nam	ie and linkage mode, arming schedi	PTZ Actions			
💿 Camera	Alarm Input Settings		Channel No.:	IP Car	nera 01 🗸	
일 Network	Alarm Input:	A<-1	Patrol	1	- -	
📕 Alarm 🔸	IP Address:	Local	Pattern	1	- 	
👤 User	Alarm Name:	alarm	Linkage			
HDD	Alarm Status:	Normal Open	Audible Warning	(Email Linkage	
🛕 Exception	Arming Schedule:	All-day Template 🛛 🕌 🛫	Notify Surveilland	ce Center	Full Screen Monitoring	
File		Arming schedule allows 8 time fr	Upload Captured	d Pictures T	o FTP	
Log	Linkage	Set Handle a	Trigger Alarm Ou	itput	Triggered Camera	_
🕋 Holiday	Alarm Output Settings		A->1	1	✓ IP Camera 01	
↓ Others	Alarm Output:	A->1	A->2		IP Camera 02	-
	IP Address:	Local	A->4		IP Camera 03	-
Channel Zero	Output Delay:	55	D2->1		IP Camera 05	-
🔁 Resource User	Arming Schedule:	All-day Template	D3->1			-
		Arming schedule allows 8 time fr	D3->2			
Pahoat Post	oro Eactory Sottings	most Configuration File			Yes	Cancel
Rebuti	ore raciony settings	mport configuration FileExport Co	Iniguration The		Jave	

Step 5: Switch to Main View, select NVR, and then click the red button





Step 6: Click in bottom of the client and make sure Alarm input is

enabled.



Step 7: The image will pop up and there will be a sound alarm when



alarm in is triggered.

Step 8: Click E-map, add e-map and different site in lvms4200.



File System View Tool	Help	iVMS-4200		Ĩ	
🛒 Control Panel 🙀 E-	map 📕 🔊 Import Camera 🛛 📮	Main View 🔤 Device Ma	anagement	14:42:20 CPU 2013-04-19 Net	work
Search Q					
📄 71 🗸 🗸	A ward and the second second	- 1 > F-orall -	and the fight for the	States and Co	х.
🧰 73 🗸 🗸		Jew H 12 Fr	- Delle 100	The factor of the sy	4
NVR1 ^			Add Hot Spot	0	<
NVR ^		Linked Camera	Hot Spot Name	Hot Spot Color	
is map		NVR_IP Camera02	NVR_IP Camera02	Green	
NVR_IP Camera02 NVR_IP Camera02	and the second second	NVR_IP Camera04	NVR_IP Camera04	Green	
NVR IP Camera05		NVR_Channel Zero01	NVR_Channel Zero01	Green	
NVR_Channel Zero01			Ves	Cancel	
Map Preview Edit Map 🔊 🧟 🕼 🖉 🖋 🏶 🆓 Search Hot Spot 🍳					
Alarm Event 🧶 📧	Sensor Alarm Stop				* • *

Step 9: When the alarm is triggered, the image will pop up as the

followed snapshot shown.



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