How to configure alarm function of NVR

Part 1: Configuration of Alarm in triggering E-mail

Step 1: Click Menu> Configuration> Network

2 2 0	Configuration							
General	General PPPOE DDN	6 NTP Email SNMP More Settings						
Network	NIC Type							
Alarm	Enable DHCP							
	IPv4 Address	172 .6 .13 .103						
🕫 RS-232	IPv4 Subnet Mask	255 .255 .255 .0						
🚳 Live View	IPv4 Default Gateway	172 .6 .13 .1						
Exceptions	MAC Address							
👪 User	MTU(Bytes)							
- USEI	Preferred DNS Server	10.1.7.88 Don't forget preferred						
	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	Email	SNMP	UPnP	More Setting			
Enable	Server Auth	nentication		~			and the second second			
User Na	ame			lixinyf4@h	ikvision.co	om	Contra de la cara			
Passwo	ord			*******			ALL STATISTICS			
SMTP S	Server			smtp.263x	mail.com		St. Saute and			
SMTP	Port			25						
Enable	SSL									
Sender				lixinyf4			No. of Concession, Name			
Sender	's Address			lixinyf4@h	ikvision.co	m	AU-LOTING 21			
Select I	Receivers			Receiver 1		1000	STATISTICS COLOR			
Receive	er			lixinyf4						
Receive	er's Address	5		lixinyf4@hi	kvision.co	m				
Enable	Attached P	icture		 Image: A second s						
Interval			100	28						

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

k		Cam	iera Management	t		
🛃 Camera 💦	Analog IP (Camera				
💕 OSD	Synchroni	ze IP Camera		No	Edit	IP Address
😔 Image	IP Camera.	IP Camera 1				
	IP Camera.	172.6.13.45				
U PTZ	Protocol	HIKVISION				
🛬 Motion	Manageme.	8000	N			
Privacy Mask	Channel No.	1	$ \land $			
Tamper-proof	User Name	admin				
	Admin Pas	*****] 🐧	<		
Video Loss	Added IP Ca	meras	Add]		Quick Add
	Camer Edit	Delet Live \ Ca	imera Name IP C	amera A	d Mar	age Pi Protocol
	Camer Edit	Delet Live \ Ca	imera Name IP C	amera A	di Mar	age P(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.

		Configurat	ion		
General	Alarm Status	Alarm Input Alarm Out	put		
² ≈ Network	Alarm Input List				
Alarm	> No.	Alarm Name	IP Camera Address	Alarm Type	1
	A<-1	Alarm Input1	Local	N.O	
RS-232	A<-2	Alarm Input2	Local	N.O	
Live View	A<-3	Alarm Input3	Local	N.O	
-	A<-4	Alarm Input4	Local	N.O	
Exceptions	A<-5	Alarm Input5	Local	N.O	
User	A<-6	Alarm Input6	Local	N.O	
	A<-7	Alarm Input7	Local	N.O	
	• . •	• • • • • • • • • • • • • • • • • • • •			1
	Alarm Output Li	st			
	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	lo.	A<-1	
Alarm	Alarm Name		Alarm Input1	
🔹 RS-232	Туре		N.O	
s≇ RS-232	Setting		2	
Live View	Handling			
A Exceptions				
👪 User				

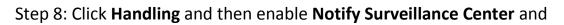
Step 5: Click Alarm> Alarm Input> Handling.

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

			Configuration			
🔯 General	Alarm Status	Alarm Input	Alarm Output			
👼 Network	Alarm Input N	0.	A<-1			
\land Alarm		i.	Handling			
🕫 RS-23दे	Trigger Channel	Arming Sche	dule Handling) PTZ Link	ding	
🗢 Live View	IP camera	■A1	🔳 A 2 🔲 A 3		■ A5	A6
A Exceptions		A7	■A8 ■A9		■A11	■A12
👪 User		■A13	■A14 ■A1	5 🔳 A 16		
			Apply	ок		Cancel

		Co	nfiguration		
General	Alarm Status	Alarm Input Al	arm Output		
Network	Alarm Input I	No. A<	-1		
Alarm			landling		
RS-232	Trigger Channel	Arming Schedule	Handling	PTZ Linking	
Live View	Week	Mon			
	1	00:00-24:0	0		0
Exceptions	2	00-00-00	0		0
user 🕈	3	00-00:0	0		9
	4	00-00-00	0		
	5	0(:00-00:0	0		0
	6	00-00:0	0		0
	7	00:00-00:0	0		0
	8	0:00-00:0	0		0

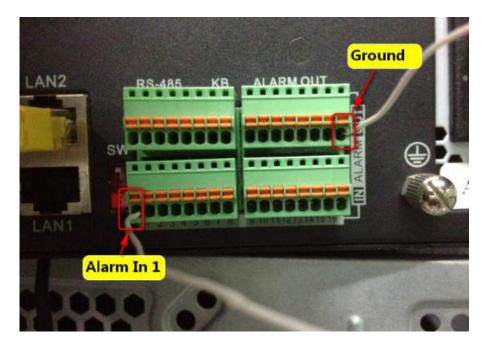
Step 7: Click Arming schedule, select all day and then copy it to all week.



		Configuration		
General	Alarm Status Alarm Input	Alarm Output	k.	
Vetwork	Alarm Input No.	A<-1	A.	
Alarm		Handling		
RS-232	Trigger Channel Arming Sche	edule <u>Handling</u>	PTZ Linking	
Live View	Full Screen Monitoring			
	Audible Warning	×		
Exceptions	Notify Surveillance Center			
User	Send Email			
	Trigger Alarm Output			
		1		
		Apply	ок	Cancel

Send Email.

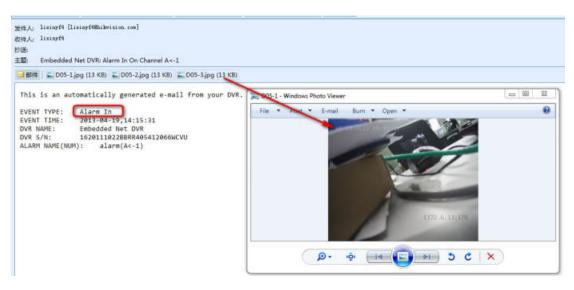
Step 9: Connect the Alarm In 1 port and G port to your alarm system.



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.

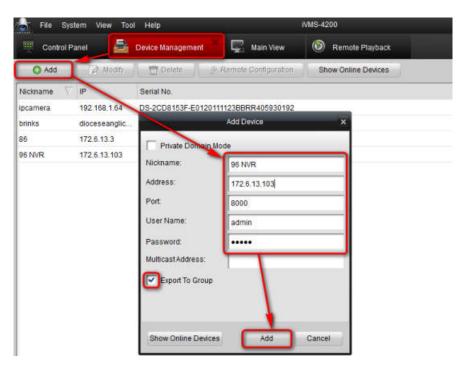


Part 2: Configuration of alarm notify surveillance center function

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.

information	and the second second second second	output parameters of the devo		
General	g alarm input mar	ne and linkage mode, arming t	chedule of alarm input & output, etc.)	
🔍 Network	1			
Alarm	Alarm Input Settings	other Alarm		
	Alarm Input	A+1	14)	
User	IP Address	Local		
HDD	Alarm Name:	Alarm		
Exception	Alarm Status:	Normal Open		
File	Handling:	-		
	Arming Schedule:	All-day Template		
Log		Arming schedule allows 8 t	me frames in each day.	
Others	Linkage	Set Har	dle alarm. trigger recording. PTZ linkage	E.
	Alarm Output Settings	8		
	Alarm Output:	A+1		
	IP Address:	Local		
		66	(w)	
	Output Delay:			
	Output Delay: Arming Schedule	Template 01		

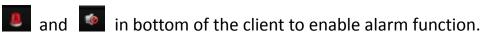
Step 3: Enable **Handling** and then configure schedule of alarm. (Please note that if you have set them in local menu of NVR, this step will be no necessary.)

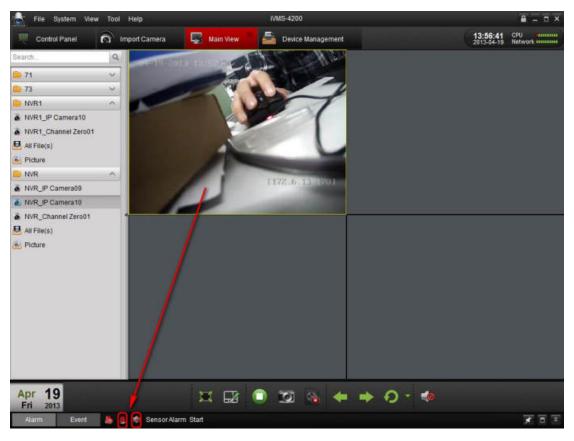
Weekday Templ Template 01	Mon	0	7	4	6		, 1	o ,	12	14	16	18	20	, 22	24
Template 02	Tue	2	7	4	6	. 1	, 1	o ,	17	14	36	18	20	22	. 24
Template 03	Wed	0	7	. 1	. 6	. 1	, 1	ο,	17	, 14	, 16	, 18	20	, 27	24
Template 04	Thu	<u>_</u>	7	. 1	6		1	•	12	. 14	16	, 18	20	. 22	24
Template 06	Fri	0	3	4	, ș	. 1	. 1	•	17	14	16	18	20	, 22	24
Template 07	Sat	e i	?	. 4	. ę	, ē	, 1	0	12	. 14	16	18	20	, 27	24
Template 08 Template 09	Sun	Ê	2	. 4	. 6	, B	1	o ,	12	, 14	. 16	, 18	20	, 27	. 24

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.)

Information	Estimate and Contract Contract	tput parameters of the device	Alarm Input Linkage Settings					
General	(e.g. alarm input name	and linkage mode, arming schedu	PTZ Actions					
Camera Network	Atarm Input Gettings Alarm Input	A<-1	Channel No.: Preset Patrol	IP Car	mera 01 🔍			
Alarm ·	IP Address:	Local	Pattern	-	1.2			
User HDD	Alarm Name: Alarm Status:	alarm Normal Open	Linkage Audible Warning		Email Linkage			
Exception	Arming Schedule:	All-day Template	Notify Surveillan	ce Center	Full Screen Monitoring			
Log	Linkage	Set Handle a	Trigger Alarm O	utput	Triggered Camera			
Holiday	Alarm Output Settinga		□ A>1 □ A>2	4	IP Camera 01 IP Camera 02			
Others	Alarm Output.	A>1	□ A>3		IP Camera 03			
Channel Zero	IP Address:	Local	□ A>4		IP Camera 04			
Resource User	Output Delay:	55	□ D2->1		IP Camera 05			
rtesource user	Arming Schedule:	All-day Template	□ D3->1 □ D3->2					
					Yes	Can		

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



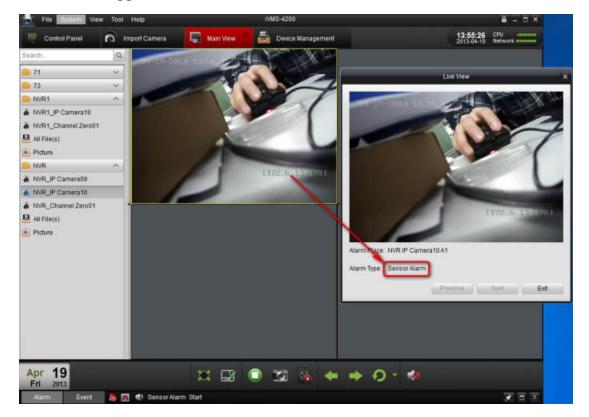


Step 6: Click **I** in bottom of the client and make sure **Alarm input** is

enabled.

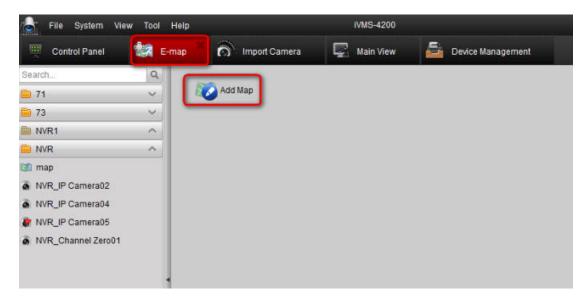


Step 7: The image will pop up and there will be a sound alarm when



alarm in is triggered.

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



File System View	Tool Help	Import Camera	Main View	E Device M	anagement	14:42:20 CPU 2013-04-19 Network	
earch	Q						
71	~	•					
73	~	(2)	S L L L	1 Star	s lent has	F Chest I la	
N/R1	~		25		Add Hot Spot	×	
NVR	~	and the first	A LE LA	ied Camera	Hot Spot Name	Hot Spot Color	
map		1 marine the an	SALAN V C	R_IP Camera02	NVR IP Camera02	Green	
NVR_IP Camera02		The Marine Lang	SKR-II.	R_IP Camera02	NVR_P Camera04	Green	
NVR_IP Camera04		Sector Prover		R_Channel Zero01	NVR_Channel Zero01	Green	
NVR_IP Camera05		A AREAN	1	Containing 201001	Trans_Gradingr 201001	Green	
						Cancet	
ap Preview Edit Map		12 18 19	1.	63 63	6 3	Search Hot Spot	

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

followed snapshot shown.

🚖 File System View Tool Help		IVMS-4200		
🧮 Control Panel 🔛 E-map	import Camera	Main View	Device Management	14:32:17 CPU
Search. Q				
🗀 71 🗸	•			Name of Street of Street Street Street
73 🗸	1 32 3	S. S. S. F.	Here and the	APPLIE AND
NVR1 V		A Com	² U	ve View
DI NVR ^	· Charles	and the second		
📧 map	Provent and and	1944 6	·	
NVR_IP Camera02	Contraction of	and the second		
NVR_IP Camera04	Constant Party	Second States		
IP Camera05	1 - 10 A	1. CS.		140
			Alarm Place: NVR IP Camera05 A1 Alarm Type: Sensor Alarm.	1172.5.13.1701
Mag Preview Edil Map		2.1742 & 4		Search Hot Spot.
Alarm Event 🤚 💽 🕄	Sensor Alarm Start			X = 2

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