

# How to set up alarm e-mail notifications on the DVR V4.2 and NVR V4.2?

This article outlines the step-by-step guide on how to set up alarm e-mail notification on DVR V4.2 and NVR V4.2. This set up can also be used to recover the password of the device.

### **Product Models:**

Hybrid DVR	NVR
0E-HD4C1TB	0E-4CHNVR1TB / 0E-4CHNVR2TB
0E-HD8C2TB	0E-8CHNVR2TB
0E-HD16C2TB	0E-16CHNVR2T / 0E-16CHNVR4T

#### Firmware Version: V4.2.XXXX.0000.157.X.XX.X.X

### **Preparation:**

- Ensure that the device is connected to the network properly. Check if the device's network setting is set up correctly. You can find this in Setting > Network > Network > IP.
  - a) The device's IP Address should be in the same range as the router's gateway.
  - b) Subnet Mask should be same as what is indicated in the router's network setting.
  - c) The Gateway should the router's gateway or local IP address.
  - d) DNS 1 and DNS 2 can be your router's DNS servers or you can use 8.8.8.8 and 8.8.4.4.

🗙 Setting	Channel	Record	Alarm	Network	System	
► Network	P	Port				
⊳ DDNS		DHCP				
⊳ E-mail		IP Address		192.168.2	54.17	
⊳ UPnP		Subnet Mask		255.255.	255.0	
⊳ P2P		Gateway		192.168.2	54.254	
		Obtain DNS Au	utomatically			
▷ IP Filter		DNS1		8.8.8.8		
		DNS2		8.8.4.4		

- 2. Make sure that the alarm settings are properly set up and **Send E-mail** option is enabled. Alarm e-mail notification can be enabled for Motion detection, video loss or camera tamper.
  - Motion Detection Setting > Alarm > Motion Detection > Event Actions > Send E-email
  - Camera Tamper Setting > Alarm > Camera Tamper > Event Actions > Send E-email
  - Video Loss Setting > Alarm > Video Loss > Event Actions > Send E-email
  - Intelligent Analysis Setting > Alarm > Intelligent Analysis > Event Actions > Send E-email



🗙 Setting Channel	Record Ala	arm Network	System		×
⊳ General <u>Mo</u>	otion Detection				
► Motion Detection	Channel			~	
⊳ Camera Tamper	Enable	٢			
⊳ Video Loss	Event Actions	门 Area	🛗 Schedule		
Intelligent Analysis	Alarm Out		•		
⊳ Alarm In	Push Message		0		
	Pop-Up message		0		
	Send E-mail		9		
	Post Recording		0		
	Recording Time		30s 🗸		
	Channel	2 3 4			
			Сору	Apply	

#### Procedure:

1. Go to Setting > Network > E-mail.

🗙 Setting	Channel	Record	Alarm	Network	System	×
▷ Network	E-m	ail				
⊳ DDNS		SMTP Server		smtp.gmail.com		
► E-mail		SMTP Server F	Port	465		
⊳ UPnP		Username		@gm	ail.com	
⊳ P2P		Password		*****		-
⊳ IP Filter		E-mail Sender		@gm	ail.com	
		Recovery Pas:	sword	@gm	ail.com	
		Alarm Receive	r 1	@gm	ail.com	
		Alarm Receive	r 2			
		Alarm Receive	r3			
		SSL Encryptio	n	SSL	~	
				Test		
		Apply success				
						Apply

- 2. Input the correct SMTP setting of your account.
  - SMTP server SMTP server address
  - SMTP server port Port number of the SMTP server
  - Username Username of your email address
  - Password Password of your email address
  - E-mail Sender Your email address
  - Recovery Password Recipient of the password recovery message
  - Alarm Receiver (1,2 &3) Recipients of the alarm messages
  - SSL Encryption SMTP server encryption



3. Click **Test** to test if the information you input are correct.

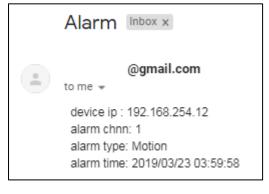


4. Check your e-mail account to see if you received the test message.

	Test Inbox x
•	<b>@gmail.com</b> to me <del>↓</del> E-mail test

5. If test e-mail was received successfully, click **Apply** to save the settings.

### Sample of alarm e-mail notification received:







Below is the list of some known email servers and their SMTP settings:

#### Gmail.com

- **SSL** enabled
- SMTP server smtp.gmail.com
- SMTP server port 465
- User name complete email address
- Password –email account password

### Yahoo.com

- SSL enabled
- SMTP server smtp.mail.yahoo.com
- SMTP server port 465
- User name complete email address
- Password –email account password

#### Comcast.net

- SSL enabled
- **SMTP server** smtp.comcast.net
- SMTP server port 465
- User name complete email address
- Password –email account password

### Outlook.com

- SSL enabled
- **SMTP server** smtp-mail.outlook.com
- SMTP server port 587
- User name complete email address
- Password –email account password



#### **IMPORTANT NOTES:**

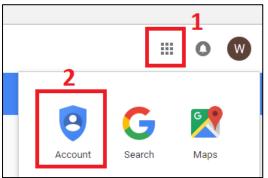
If you email account has option for 2-Step verification and Allow less secure apps, make sure that:

- 2-Step verification is turned OFF
- Allow less secure apps is turned ON

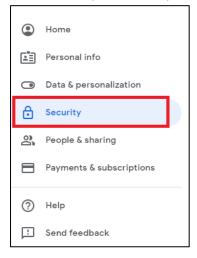
#### See below sample for Gmail.com

#### **Disable 2-steps verification**

1. Sign in to your Google account and then click the grid and go to Account.



2. Select **Security** on the left pane.



3. Look for Signing in to Google. Make sure that the 'Use your phone to sign in' and '2-Step Verification' are turned off.

Signing in to Google		
Password	Last changed Jun 19, 2018	>
Use your phone to sign in	Off	>
2-Step Verification	Off	>



## 4. Also, make sure that the 'Less secure app access' is turned on.

Less secure app access Your account is vulnerable because you allow apps and devices that use less secure sign-in technology to access your account	
() On	
Turn off access (recommended)	