

D-Link[®] Technical Support Setup Procedure

FAQ: How to Trigger Video Motion Detection on Gmail Server using the DCS-2132L

Release date: 21/04/2014

Model Support: DCS-2132L

H/W: A1 / B1

S/W: 1.03

D-Link® Technical Support Setup Procedure

วิธีการส่งภาพเคลื่อนไหว (Video) เมื่อตรวจพบการเคลื่อนไหวโดยการส่งเมลไปที่ Gmail Server บน DCS-2132L ทำได้อย่างไร

ขั้นตอนที่ 1 : เริ่มต้นโดยการเปิดหน้าต่างที่ใช้ในการตั้งค่ากล้อง โดยใช้หมายเลข IP Address โดยในตัวอย่างนี้ใช้ IP Address เป็น 192.168.0.100 เมื่อหน้าจอในการล็อกอินปรากฏขึ้น ให้ใส่บัญชีผู้ใช้งาน (username) และ รหัสผ่าน(password) ที่ได้กำหนดขึ้น ถ้าไม่มีรหัสผ่าน ให้เว้นไว้เป็นช่องว่าง แล้วกดปุ่ม OK



ขั้นตอนที่ 2 : คลิกบนแท็บของ SETUP แล้วเลือกปุ่ม Motion Detection ที่อยู่ทางด้านซ้ายมือ ภายใต้ Motion Detection ในส่วนของ Live Video ให้เลือกปุ่ม Enable Video Motion แล้วกำหนดหน้าในส่วนที่คุณต้องการ capture หลังจากนั้นกำหนดค่า Sensitivity และ Percentage คลิกบนปุ่ม Save Settings เพื่อให้การตั้งค่ามีผล

D-Link

DCS-2132L // LIVE VIDEO **SETUP** ADVANCED MAINTENANCE STATUS HELP

Setup Wizard
Network Setup
Wireless Setup
Dynamic DNS
Image Setup
Audio and Video
Preset
Motion Detection
Time and Date
Event Setup
SD Card
Logout

MOTION DETECTION

In order to use motion detection, you must first check the checkboxes, then draw the areas you want to monitor for motion.

Save Settings Don't Save Settings

LIVE VIDEO

☒ Enable Video Motion

W100112013100211436
M31 21435

Sensitivity 85 0~100%

Percentage 5 0~100%

Save Settings Don't Save Settings

Helpful Hints..

Enable Video Motion: Select this option to enable motion detection for your camera.

Sensitivity: Sets the sensitivity for motion detection. The text field indicate the level of sensitivity for motion detection. As motion is detected the level will rise depending on the frequency of the movement.

Percentage: Adjusting the percentage allows you to set a requirement on how much of the motion window must be filled by movement. Example: If you set this to 50%, then the selected window must be half filled by a moving object before it triggers motion detection.

ขั้นตอนที่ 3 : คลิกบนแท็บของ SETUP แล้วเลือกปุ่ม Event Setup ที่อยู่ทางด้านซ้ายมือ ภายใต้ส่วนของ SERVER ให้คลิกบนปุ่ม Add เพื่อทำการเพิ่ม Server

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP																																		
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ขั้นตอนที่ 4 : ภายใต้ส่วนของ SERVER TYPE ให้ตั้งค่าตามด้านล่าง เลือก Email

1. Server Name : กำหนดชื่อ Server ของคุณ
2. Sender E-mail Address : ใส่ค่า Gmail อีเมลแอดเดรส
3. Recipient E-mail Address : ใส่ค่า Gmail อีเมลแอดเดรส
4. Server Address : ใส่ค่า smtp.gmail.com
5. Username : ใส่อีเมลแบบเต็มของ Gmail username (เช่น bunsophil@gmail.com)
6. Password : ใส่รหัสผ่านที่ใช้การเข้าถึง Gmail Account
7. Port : 25
8. ทำเครื่องหมายเพื่อเลือก : This server requires a secure connection (StartTLS)
9. คลิกบนปุ่ม Save Settings เพื่อให้การตั้งค่ามีผล

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
Setup Wizard Network Setup Wireless Setup Dynamic DNS Image Setup Audio and Video Preset Motion Detection Time and Date Event Setup SD Card Logout	<div> SERVER <p>You can set at most 5 different servers here for different event.</p> <p> <input type="button" value="Test"/> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </p> </div> <div> SERVER TYPE <p> Server Name: <input type="text" value="Gmail"/> </p> <p> <input checked="" type="radio"/> Email </p> <p> Sender email address: <input type="text" value="bunsophil@gmail.com"/> </p> <p> Recipient email address: <input type="text" value="bunsophil@gmail.com"/> </p> <p> Server address: <input type="text" value="smtp.gmail.com"/> </p> <p> User name: <input type="text" value="bunsophil@gmail.com"/> </p> <p> Password: <input type="password" value="....."/> </p> <p> Port: <input type="text" value="25"/> </p> <p> <input checked="" type="checkbox"/> This server requires a secure connection (StartTLS) </p> <p> <input type="radio"/> FTP </p> <p> Server address: <input type="text"/> </p> <p> Port: <input type="text" value="21"/> </p> <p> User name: <input type="text"/> </p> <p> Password: <input type="password"/> </p> <p> Remote folder name: <input type="text"/> </p> </div>					Helpful Hints.. <p> "Server name" The unique name for server. There are four kinds of servers supported. They are email server, FTP server, HTTP server and network storage. </p> <p> Email server: "Sender email address" The email address of the sender. "Recipient email address" The email address of the recipient. </p> <p> FTP server: "Remote folder name" Granted folder on the external FTP server. The string must conform to that of the external FTP server. Some FTP servers cannot accept preceding slash symbol before the path without virtual path mapping. Refer to the instructions for the external FTP server for details. The folder privilege must be open for upload. </p> <p> "Passive Mode" Check it to enable passive mode in transmission. </p> <p> Network storage: Only one network storage is </p>

ขั้นตอนที่ 5 : คลิกบนแท็บของ **SETUP** แล้วเลือกปุ่ม **Event Setup** ที่อยู่ทางด้านซ้ายมือ ภายใต้ ส่วนของ **MEDIA** ให้คลิกบนปุ่ม **Add** เพื่อสร้าง **Media**

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ขั้นตอนที่ 6 : ภายใต้วงส่วนของ **Media Type** ให้ตั้งค่าตามด้านล่าง : เลือก **Video Clip**

1. สร้างชื่อภายใต้ **Media name**
2. ใส่ค่า **Pre-event recording**
3. ใส่ค่า **Maximum duration**
4. ใส่ค่า **Maximum file size** (ขนาดของไฟล์)
5. ใส่ค่ากำหนดหน้าไฟล์ที่ต้องการ ลงในช่อง **File Name Prefix**
6. คลิกบนปุ่ม **Save Setting** เพื่อให้การตั้งค่ามีผล

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Setup Wizard Network Setup Wireless Setup Dynamic DNS Image Setup Audio and Video Preset Motion Detection Time and Date Event Setup SD Card Logout	<div> MEDIA You can set at most 5 different media here for different event. <div> Save Settings Don't Save Settings </div> </div> <div> MEDIA TYPE Media name: Video <div> <input type="radio"/> Snapshot Source: Profile1 Send 1 pre-event image(s) [0~3] Send 1 post-event image(s) [0~7] File Name Prefix: <input type="checkbox"/> Add date and time suffix to file name </div> <div> <input checked="" type="radio"/> Video Clip Source: Profile1 Pre-event recording: 2 Second(s) [0~3] Maximum duration: 15 Second(s) [1~100] Maximum file size: 500 Kbytes [100~5000] File Name Prefix: Video <input type="radio"/> System log </div> </div>					Helpful Hints.. "Media name" The unique name for media. There are three kinds of media. They are snapshot, video clip and system log. Snapshot: "Source" The source of profile, profile1 or profile2. "Send Pre-event images" The number of pre-event images. "Send Post-event images" The number of post-event images. "File name prefix" The prefix name will be added on the file name of the snapshot images. "Add date and time suffix to file name" Check it to add timing information as file name suffix. Video clip: "Source" The source of profile, profile1 or profile2. "Pre-event recording" The interval of pre-event recording in seconds. There are two limitations for video clip file. "Maximum duration"

ขั้นตอนที่ 7 : คลิกบนแท็บของ **SETUP** แล้วเลือกปุ่ม **Event Setup** ที่อยู่ทางด้านซ้ายมือ ภายใต้ ส่วนของ **EVENT** ให้คลิกบนปุ่ม **Add** เพื่อสร้าง **Event**

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ขั้นตอนที่ 8 : ภายใต้ส่วนของ **EVENT** ให้ตั้งค่าตามด้านล่าง

1. สร้างชื่อบน Event Name
2. ทำเครื่องหมายเพื่อเลือกบน Enable this event
3. ภายใต้ส่วนของ TRIGGER เลือก Video motion detection
4. ภายใต้ส่วนของ EVENT Schedule เลือก Always
5. ภายใต้ส่วนของ ACTION เลือก Gmail และ Attached media เลือก Video
6. คลิกบนปุ่ม Save Settings เพื่อบันทึกการตั้งค่า

Audio and Video	EVENT	<p>Video motion detection: Select the windows which need to be monitored.</p> <p>Periodic: The event is triggered in specified intervals. The unit of trigger interval is minute.</p> <p>Digital input: The event is triggered when the DI status changed by external device.</p> <p>System boot: The event is triggered when the system boot up.</p> <p>Network lost: The event is triggered when the network service is not available or disconnection.</p> <p>Passive Infrared sensor: A passive infrared sensor device (PIR) measures infrared light from passing objects in its field of view. It can be worked as a trigger of event if this function enabled.</p> <p>Sun ~ Sat: Select the days of the week to perform the event.</p> <p>Time: show "Always" or input the time interval.</p> <p>The default action are triggering DO and storing media on SD card. If there are servers configured, the user can select them from "Server name", too.</p> <p>Trigger DO: Check it to trigger digital output for specific seconds when event is triggered.</p>
Preset	Event name: <input type="text" value="Video"/> <input checked="" type="checkbox"/> Enable this event Priority: <input type="text" value="normal"/> Delay for <input type="text" value="10"/> seconds before detecting next event [For motion detection and digital input and Passive Infrared sensor]	
Motion Detection	TRIGGER	
Time and Date	<input checked="" type="radio"/> Video motion detection <input type="radio"/> Periodic Trigger every <input type="text" value="1"/> minutes <input type="radio"/> Digital input <input type="radio"/> System boot <input type="radio"/> Network lost <input type="radio"/> Passive Infrared sensor	
Event Setup	EVENT SCHEDULE	
SD Card	<input checked="" type="checkbox"/> Sun <input checked="" type="checkbox"/> Mon <input checked="" type="checkbox"/> Tue <input checked="" type="checkbox"/> Wed <input checked="" type="checkbox"/> Thu <input checked="" type="checkbox"/> Fri <input checked="" type="checkbox"/> Sat Time <input checked="" type="radio"/> Always <input type="radio"/> From <input type="text" value="00"/> <input type="text" value="00"/> To <input type="text" value="23"/> <input type="text" value="59"/>	
Logout	ACTION	
	<input type="checkbox"/> Trigger D/O for <input type="text" value="1"/> seconds <input checked="" type="radio"/> Gmail Attached media: <input type="text" value="Video"/>	
	<input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>	

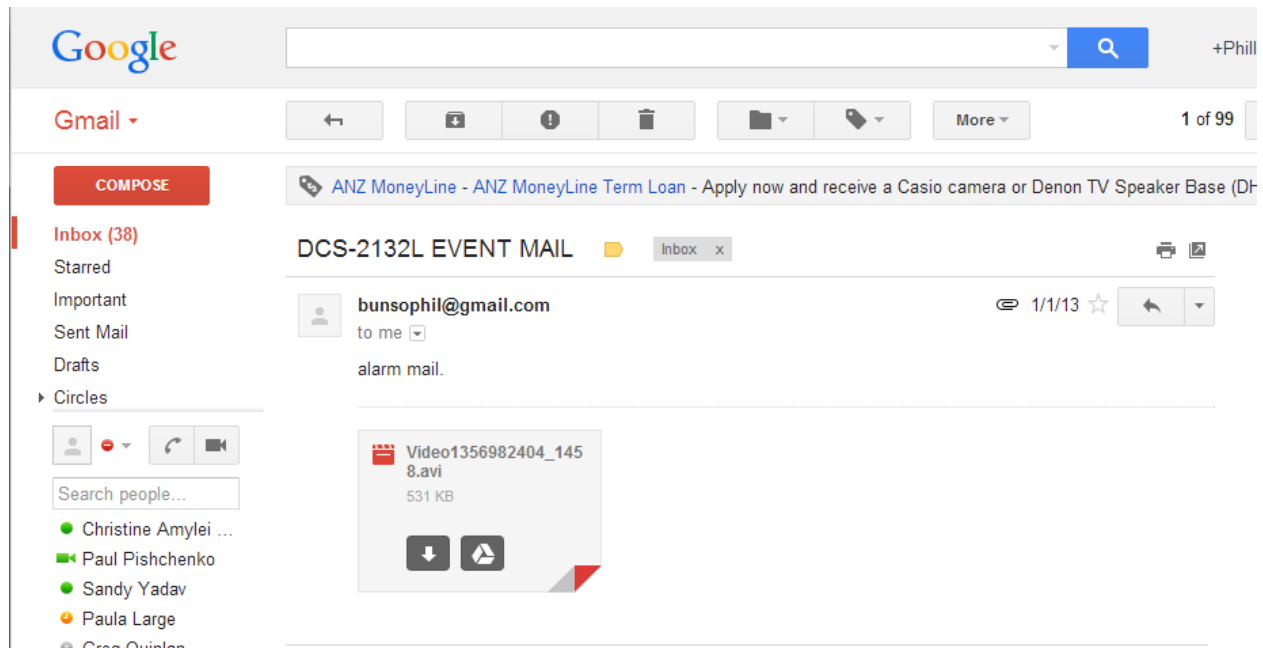
ขั้นตอนที่ 9 : คลิกบนแท็บของ SETUP แล้วเลือกปุ่ม Event Setup ที่อยู่ทางด้านซ้ายมือ ภายใต้ส่วนของ SERVER ให้คลิกบนปุ่ม Server ที่คุณได้สร้างไว้ (Gmail)

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP												
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ขั้นตอนที่ 10 : คลิกบนปุ่ม Test เพื่อตรวจสอบว่า สามารถส่งได้หรือไม่ รอสักครู่โดยผลจะปรากฏว่า Test OK หรือ Error

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP												
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Sender email address	bunsophil@gmail.com																	
Recipient email address	bunsophil@gmail.com																	
Server address	smtp.gmail.com																	
User name	bunsophil@gmail.com																	
Password																	
Port	25																	

ขั้นตอนที่ 11 : ด้านล่างเป็นผลจากการทดสอบ โดยเมลล์ถูกส่งจาก Gmail account



D-Link® Technical Support Setup Procedure

How to Trigger Video Motion Detection on Gmail Server using the DCS-2132L

Step 1: Access the Configuration page of the camera using the Local IP Address. In this sample the IP Address of the camera is 192.168.0.100. A login screen will appear, enter the username as **"admin"** and then the password that you created for the camera, if no passwords just leave it blank then Click on **OK** button.



Step 2: Click on the **SETUP** tab and then select on **Motion Detection** button on the left hand side.

Step 6: Under the **MOTION DETECTION on LIVE VIDEO** section, select the radio button on **Enable Video Motion**, Draw on the screen where you want to capture the motion. Set your desired Sensitivity and Percentage. Click on the **Save Settings** button to take effect.

D-Link

DCS-2132L // LIVE VIDEO **SETUP** ADVANCED MAINTENANCE STATUS HELP

Setup Wizard
Network Setup
Wireless Setup
Dynamic DNS
Image Setup
Audio and Video
Preset
Motion Detection
Time and Date
Event Setup
SD Card
Logout

MOTION DETECTION

In order to use motion detection, you must first check the checkboxes, then draw the areas you want to monitor for motion.

Save Settings Don't Save Settings

LIVE VIDEO

☒ Enable Video Motion

Sensitivity 85 0~100%

Percentage 5 0~100%

Save Settings Don't Save Settings

Helpful Hints..

Enable Video Motion:
Select this option to enable motion detection for your camera.

Sensitivity: Sets the sensitivity for motion detection. The text field indicate the level of sensitivity for motion detection. As motion is detected the level will rise depending on the frequency of the movement.

Percentage: Adjusting the percentage allows you to set a requirement on how much of the motion window must be filled by movement. Example: If you set this to 50%, then the selected window must be half filled by a moving object before it triggers motion detection.

Step 3: Click on the **SETUP** tab and then select on **Event Setup** button on the left hand side. Under **SERVER** section, Click on **Add** button to create a server.

DCS-2132L // LIVE VIDEO **SETUP** ADVANCED MAINTENANCE STATUS HELP

Setup Wizard
Network Setup
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Event Setup
SD Card
Logout

EVENT SETUP

There are four sections in Event Setup page. They are event, server, media and recording. Click Add to pop a window to add a new item of event, server, media or recording. Click Delete to delete the selected item from event, server, media or recording. Click on the item name to pop a window to edit it. There can be at most 2 events and 1 recording. There can be at most 5 server and 5 media configurations.

SERVER

Name	Type	Address/Location
Gmail	Email	smtp.gmail.com

Add Gmail Delete

MEDIA

Name	Type	Source
Snapshot	Snapshot	Profile 1

Add Snapshot Delete

EVENT

Name	Status	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Time	Trigger
Snapshot	ON	V	V	V	V	V	V	V	00:00~23:59	Motion

Add Snapshot Delete

Helpful Hints..

Suggest setting server and media first before setting event. The servers and media which selected in event list are not be able to modify or delete. Please remove them first from the event if you want to delete or modify them. Recommend using different media in different event to make use all media be produced and received correctly. If using the same media in different events and the events trigger almost simultaneously, the servers in the second triggered event will not receive any media; there would be only notifications.

Step 4: Under the **SERVER TYPE** section, configure the following; Select **Email**

1. **Server Name:** Create any name for your Server
2. **Sender E-mail Address:** Enter the Gmail email address
3. **Recipient E-mail Address:** Enter the Gmail email address
4. **Server Address:** Enter smtp.gmail.com
5. **User Name:** Enter the complete Gmail username (i.e. bunsophil@gmail.com)
6. **Password:** Enter the password to access the Gmail account
7. **Port:** 25
8. **Put a check mark on:** This server requires a secure connection (StartTLS)
9. Click on **Save Settings** button to save the changes

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
Setup Wizard Network Setup Wireless Setup Dynamic DNS Image Setup Audio and Video Preset Motion Detection Time and Date Event Setup SD Card Logout	<div> SERVER You can set at most 5 different servers here for different event. <div> <input type="button" value="Test"/> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </div> </div> <div> SERVER TYPE <div> Server Name: <input type="text" value="Gmail"/> </div> <div> <input checked="" type="radio"/> Email <div> Sender email address: <input type="text" value="bunsophil@gmail.com"/> Recipient email address: <input type="text" value="bunsophil@gmail.com"/> Server address: <input type="text" value="smtp.gmail.com"/> User name: <input type="text" value="bunsophil@gmail.com"/> Password: <input type="password" value="....."/> Port: <input type="text" value="25"/> <input checked="" type="checkbox"/> This server requires a secure connection (StartTLS) </div> </div> <div> <input type="radio"/> FTP <div> Server address: <input type="text"/> Port: <input type="text" value="21"/> User name: <input type="text"/> Password: <input type="password"/> Remote folder name: <input type="text"/> </div> </div> </div>					Helpful Hints.. "Server name" The unique name for server. There are four kinds of servers supported. They are email server, FTP server, HTTP server and network storage. Email server: "Sender email address" The email address of the sender. "Recipient email address" The email address of the recipient. FTP server: "Remote folder name" Granted folder on the external FTP server. The string must conform to that of the external FTP server. Some FTP servers cannot accept preceding slash symbol before the path without virtual path mapping. Refer to the instructions for the external FTP server for details. The folder privilege must be open for upload. "Passive Mode" Check it to enable passive mode in transmission. Network storage: Only one network storage is

Step 5: Click on the **SETUP** tab and then select on **Event Setup** button on the left hand side. Under **MEDIA** section, Click on **Add** button to create a Media.

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Step 6: Under the **MEDIA TYPE** section, configure the following; Select **Video Clip**

1. Create a Name for **Media name**
2. Put a Pre-event recording
3. Maximum duration
4. Maximum file size
5. File Name Prefix
6. Click on **Save Settings** button to save the changes

DCS-2132L	LIVE VIDEO	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
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Step 7: Click on the **SETUP** tab and then select on **Event Setup** button on the left hand side. Under **EVENT** section, Click on **Add** button to create an Event.

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Step 8: Under the **EVENT** section, configure the following;

1. Create an **Event Name**
2. Put a check mark on Enable this event
3. Under **TRIGGER** Select **Video motion detection**
4. Under **EVENT SCHEDULE** Select **Always**
5. Under **ACTION** Select **Gmail** and under **Attached media** select Video
6. Click on **Save Settings** button to save the changes

Audio and Video

Preset

Motion Detection

Time and Date

Event Setup

SD Card

Logout

EVENT

Event name: Video

☒ Enable this event

Priority: normal

Delay for 10 seconds before detecting next event [For motion detection and digital input and Passive Infrared sensor]

TRIGGER

☒ Video motion detection

☐ Periodic

Trigger every 1 minutes

☐ Digital input
 ☐ System boot
 ☐ Network lost
 ☐ Passive Infrared sensor

EVENT SCHEDULE

☒ Sun ☒ Mon ☒ Tue ☒ Wed ☒ Thu ☒ Fri ☒ Sat

Time

☒ Always

☐ From 00 00 To 23 59

ACTION

☐ Trigger D/O for 1 seconds

☒ Gmail

Attached media: Video

Save Settings

Don't Save Settings

Video motion detection: Select the windows which need to be monitored.

Periodic: The event is triggered in specified intervals. The unit of trigger interval is minute.

Digital input: The event is triggered when the DI status changed by external device.

System boot: The event is triggered when the system boot up.

Network lost: The event is triggered when the network service is not available or disconnection.

Passive Infrared sensor: A passive infrared sensor device (PIR) measures infrared light from passing objects in its field of view. It can be worked as a trigger of event if this function enabled.

Sun ~ Sat: Select the days of the week to perform the event.

Time: show "Always" or input the time interval.

The default action are triggering DO and storing media on SD card. If there are servers configured, the user can select them from "Server name", too.

Trigger DO: Check it to trigger digital output for specific seconds when event is triggered.

Step 9: Click on the **SETUP** tab and then select on **Event Setup** button on the left hand side. Under **SERVER** section, Click on the **Server** that you created (Gmail).

DCS-2132L

LIVE VIDEO

SETUP

ADVANCED

MAINTENANCE

STATUS

HELP

Setup Wizard

Network Setup

Wireless Setup

Dynamic DNS

Image Setup

Audio and Video

Preset

Motion Detection

Time and Date

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EVENT SETUP

There are four sections in Event Setup page. They are event, server, media and recording. Click Add to pop a window to add a new item of event, server, media or recording. Click Delete to delete the selected item from event, server, media or recording. Click on the item name to pop a window to edit it. There can be at most 2 events and 1 recording. There can be at most 5 server and 5 media configurations.

SERVER

Name	Type	Address/Location
Gmail	Email	smtp.gmail.com

Add

Gmail

Delete

MEDIA

Name	Type	Source
Snapshot	Snapshot	Profile 1

Add

Snapshot

Delete

EVENT

Helpful Hints..

Suggest setting server and media first before setting event. The servers and media which selected in event list are not be able to modify or delete. Please remove them first from the event if you want to delete or modify them. Recommend using different media in different event to make use all media be produced and received correctly. If using the same media in different events and the events trigger almost simultaneously, the servers in the second triggered event will not receive any media; there would be only notifications.

FAQ: How to Trigger Video Motion Detection on Gmail Server using the DCS-2132L

Step 10: Click on Test button to check if it is sending or not, wait for a couple of seconds and the result will appear *Test OK* or *Error*.

DCS-2132L // **LIVE VIDEO** **SETUP** **ADVANCED** **MAINTENANCE** **STATUS** **HELP**

Setup Wizard
Network Setup
Wireless Setup
Dynamic DNS
Image Setup
Audio and Video
Preset
Motion Detection
Time and Date
Event Setup
SD Card
Logout

SERVER

You can set at most 5 different servers here for different event.

Test OK. **Test** Save Settings Don't Save Settings

SERVER TYPE

Server Name: Gmail

☒ Email

Sender email address: bunsophil@gmail.com
Recipient email address: bunsophil@gmail.com
Server address: smtp.gmail.com
User name: bunsophil@gmail.com
Password:
Port: 25

☒ This server requires a secure connection (StartTLS)

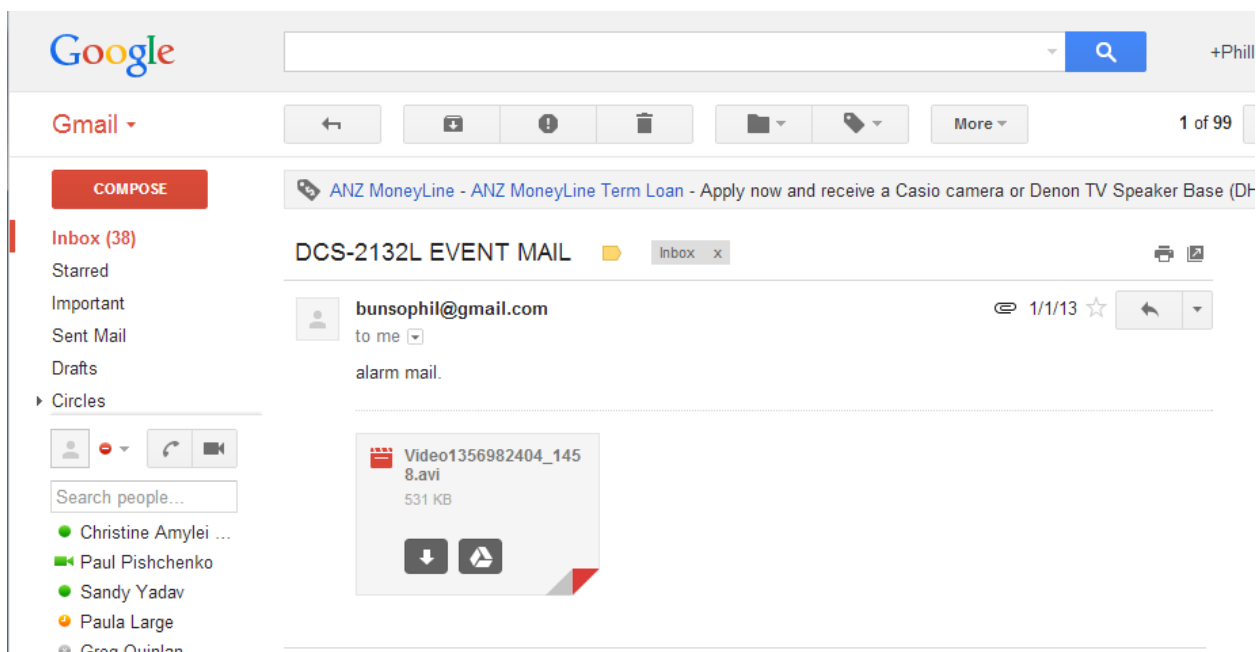
Helpful Hints..

"Server name" The unique name for server. There are four kinds of servers supported. They are email server, FTP server, HTTP server and network storage.

Email server:
"Sender email address" The email address of the sender.
"Recipient email address" The email address of the recipient.

FTP server:
"Remote folder name" Granted folder on the external FTP server. The string must conform to that of the external FTP server. Some FTP servers cannot accept preceding slash symbol before the path without virtual path mapping. Refer to the

Step 11: Here's a test mail send from the Gmail account.



ฝ่ายสนับสนุนทางด้านเทคนิค

Call Center หมายเลขโทรศัพท์ 02-6617997

ภาษาไทย : จันทร์ ถึง ศุกร์ เวลา 9.00 น. – 18.00 น.

Thai : Mon – Fri : Time 9.00 – 18.00.

ภาษาอังกฤษ : เสาร์ , อาทิตย์ , วันหยุดนซ์ตฤกษ์ และ วันธรรมดา หลัง 18.00 น.

English : Sat – Sun , Public Holiday and after 18.00 weekday.

Website : www.dlink.co.th

email: support@dlink.com.sg

Facebook : <http://www.facebook.com/DLinkThailandFans>

Nationwide D-Link Service Centres

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