GV-Cloud Center

User's Manual

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[Warranty]   [Technical Support Policy]

Contents

Naming and Definition

GV-VMS	GeoVision video management system that records up to 64 channels of GeoVision and/or third-party IP devices.
GV-Recording Server	GeoVision video streaming server capable of receiving and recording up to 128 channels from various IP video devices. It can simultaneously distribute up to 300 channels to clients.
GV-SNVR	GeoVision Linux-embedded Standalone Network Video Recorder that supports up to 4 / 8 / 16 channels of GV-IP devices for network surveillance and recording into its internal hard drive.

Chapter 1 Introduction

GV-Cloud Center is a cloud-based service that allows you to search events of all connected hosts (GV-VMS / Recording Server / SNVR). Using **GV-Notify**, you can receive notifications, look up events, access live view and play back recordings from any iOS or Android mobile devices. Without installing any software, you can also log onto **GV-Cloud Center Portal** from a Web browser on any PC to access GV-Cloud Center for event search and playback.
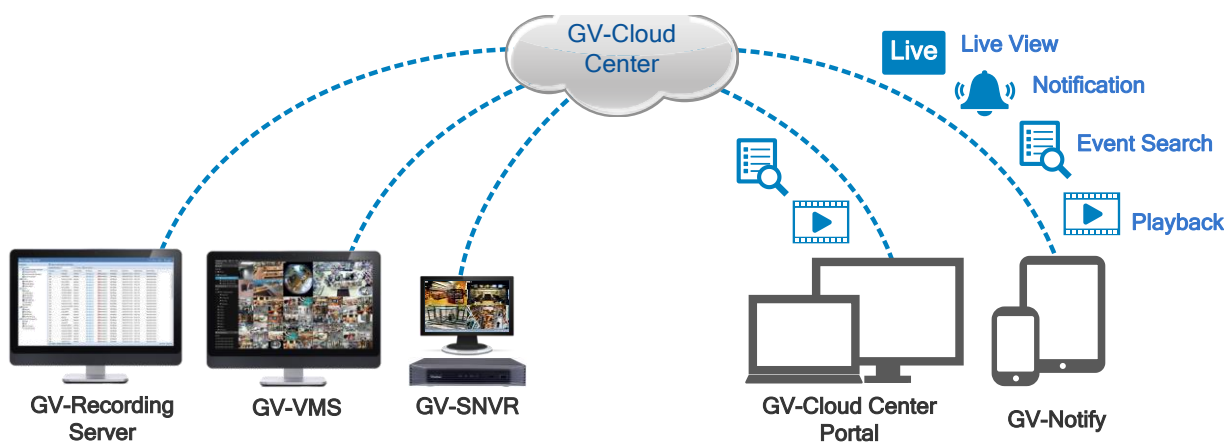

Figure 1-1

Remote Access from PC and Mobile Devices

- **GV-Cloud Center Portal:** Log on using a Web browser on PC

- **GV-Notify:** Install app on Android or iOS mobile devices

Types of Hosts Supported:

- **GV-VMS:** V16.10.3 ~ V17.4.7; V18.1 ~ V18.3.1

- **GV-Recording Server:** V1.4.0.0 or later

- **GV-SNVR0412:** Firmware V1.04 or later

- **GV-SNVR0812:** Firmware V1.09 or later

- **GV-SNVR1612:** Firmware V1.01 or later

1.1 Comparison Table

	GV-Cloud Center Portal	GV-Notify
Platform	**PC:** Log on from Web browsers	**iOS / Android mobile devices:** Install APP and log on
Monitoring Camera and I/O Status	✓	✓
Event Search	✓ (4)	✓ (4)
Live View	N/A	✓
360-Degree Live View Mode	N/A	✓ (2)
Remote Playback	✓	✓
Event Notification	N/A	✓ (4)
POS and Counter Statistics	✓ (3)	✓ (3)
Retail Activities	✓ (3)	✓ (3)
Sharing Hosts	✓	N/A
Heat Map Query	N/A	✓ (3)
Max. Supported Hosts	32 (Including GV-VMS / Recording Server / SNVR)	
Max. Mobile Devices	N/A	2
Languages	English, Japanese	English, Japanese, Traditional Chinese

Note:

1. GV-Cloud Center supports up to 32 hosts for each account and at most allows access from two mobile devices simultaneously. Hosts can be removed through GV-Cloud Center Portal only.
2. H.265 video codec is not supported under the 360-degree live view mode on iOS devices.
3. Paid subscription is required.
4. For GV-SNVR0412 / 0812 / 1612, only motion, video lost, disconnection and HDD storage failure events are supported.
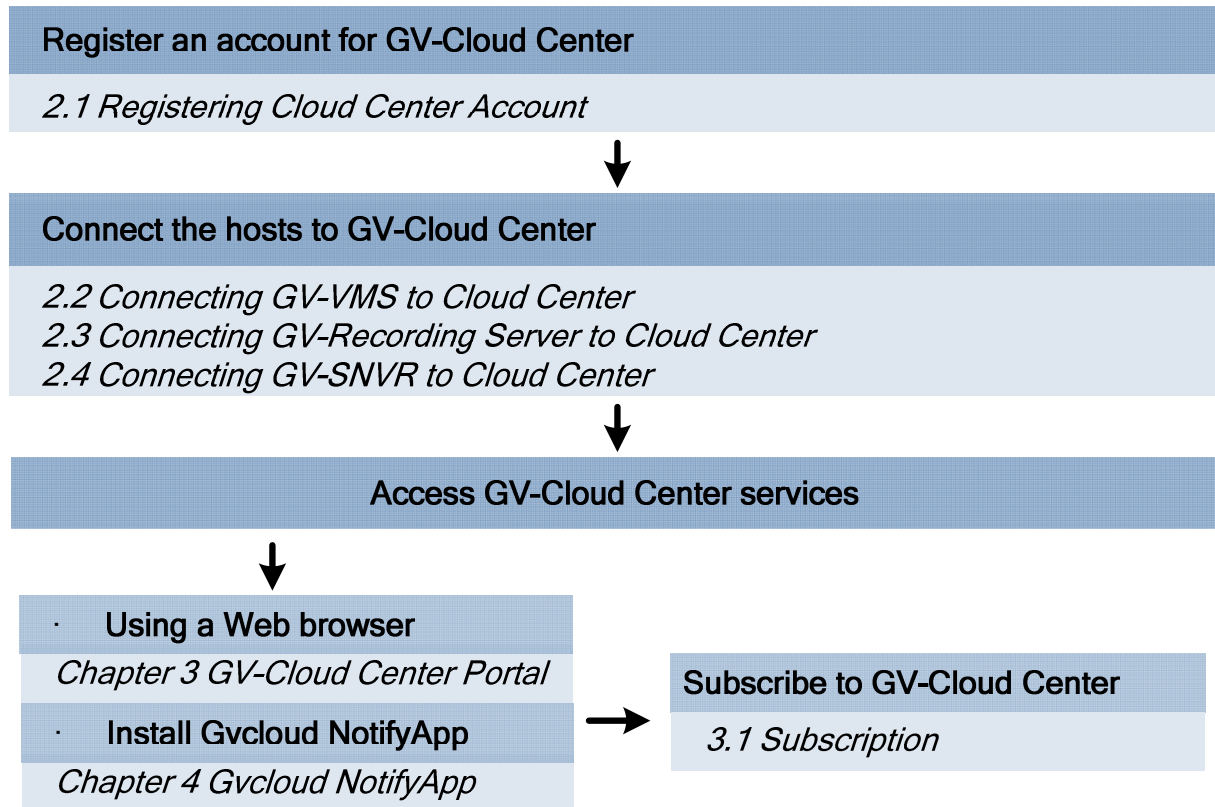
1.2 Key Features

GV-Cloud Center Portal

- Monitoring the status of cameras, I/O and storage space of connected hosts
- Searching events for up to one month and 2 months for POS/Counter events
- Playing back recordings
- Viewing the statistical graphs of POS and Counter results
- Generating outputs of retail activities
- Sharing the hosts with other GV-Cloud Center accounts

GV-Notify

- Monitoring the status of cameras, I/O and storage space of connected hosts
- Searching events for up to one month and 2 months for POS/Counter events
- Seeing live view and playing back recordings
- Viewing the statistical graphs of POS and Counter results
- Generating outputs of retail activities
- Seeing the hourly Heat Map results of connected hosts

Chapter 2 Getting Started

To get started quickly with GV-Cloud Center, follow the process illustrated below:

Register an account for GV-Cloud Center

2.1 Registering Cloud Center Account

↓

Connect the hosts to GV-Cloud Center

2.2 Connecting GV-VMS to Cloud Center
2.3 Connecting GV-Recording Server to Cloud Center
2.4 Connecting GV-SNVR to Cloud Center

↓

Access GV-Cloud Center services

↓

· **Using a Web browser**

Chapter 3 GV-Cloud Center Portal

· **Install Gvcloud NotifyApp**

Chapter 4 Gvcloud NotifyApp

→

Subscribe to GV-Cloud Center

3.1 Subscription

2.1 Registering Cloud Center Account

1. To create a new account, type your e-mail for the **Account**, a **Password** and a **Password Hint**.

   https://www.mygvcloud.com/CreateAccount.php?service=gvcenter&language=EN

Figure 2-1

2. Click **Create**. A confirmation link will be sent to your e-mail account.

3. Click the link in your e-mail to activate the GV-Cloud Center account.
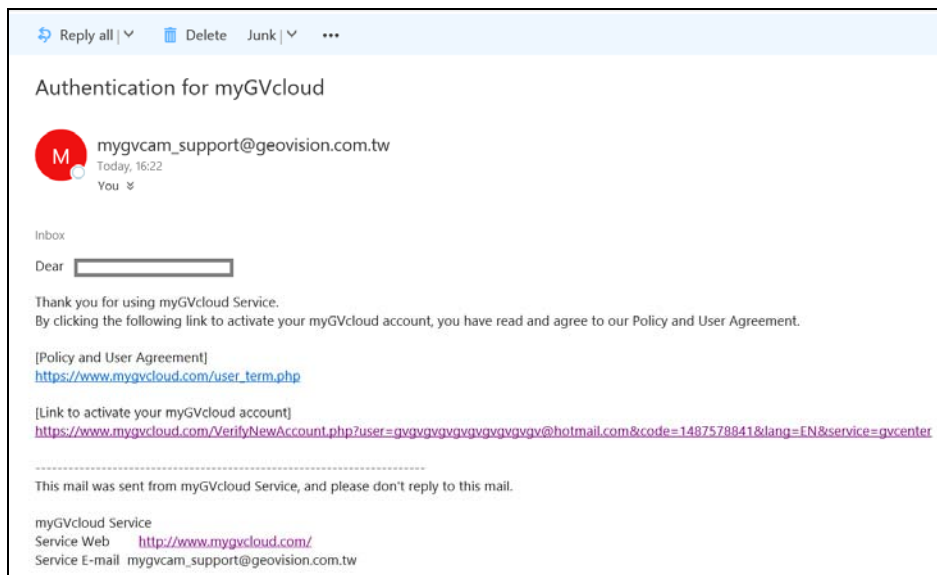
Figure 2-2

The link will also direct you to the login page of GV-Cloud Center Portal:

http://dashboard.vsm.mygvcloud.com

5

2.2 Connecting GV-VMS to Cloud Center

Follow the steps below to connect the GV-VMS to GV-Cloud Center.

1. Click **Home** 👁, click **Toolbar** ✂, click **Network** 🖧 and click **Connect to GV-Cloud Center**. A dialog box appears.

Figure 2-3

2. Click the **Configure** button ⚙ to modify advanced settings. See the section below for details on the settings.

Figure 2-4

3. Type the email and password.

4. Click **Connect**.

Tip: To access the login page of GV-Cloud Center Portal, click the **GV-Cloud Center** link next to the **Connect** button or click this link: http://dashboard.vsm.mygvcloud.com.

2.2.1 Configuring Advanced Settings

Before connecting GV-VMS to Cloud Center, you can click the **Configure** button ⚙ to modify advanced settings. Three tabs are available: General, Camera, and I/O Device.

Figure 2-5

General
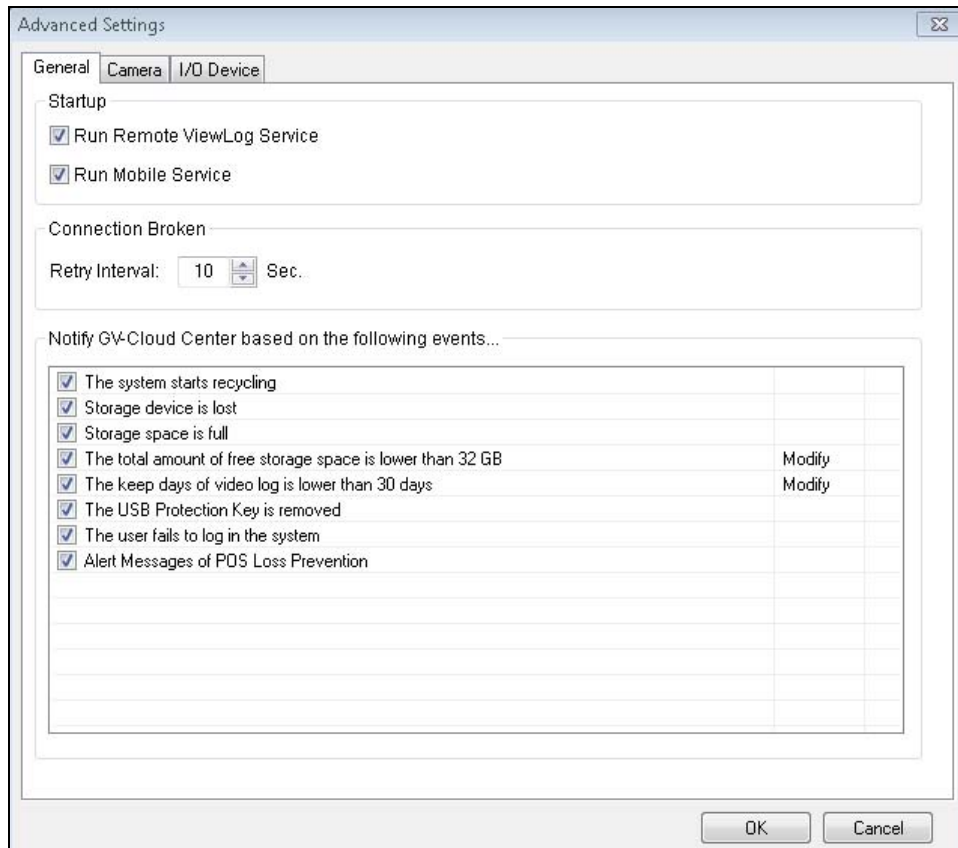
Figure 2-6

[Startup]

■ **Run Remote ViewLog Service:** Automatically run Remote ViewLog Service once connection to GV-Cloud Center is enabled on GV-VMS. Remote ViewLog Service is required to play back recordings from GV-VMS.

■ **Run Mobile Service:** Automatically run Mobile Service once connection to GV-Cloud Center is enabled on GV-VMS. Mobile Service is required to access live view form GV-VMS.

[Connection Broken]

■ **Retry Interval:** Set a time interval to retry connection when GV-Cloud Center becomes disconnected from GV-VMS.

[Notify GV-Cloud Center based on the following events] Select the events to notify GV-Cloud Center. You can click **Modify** to adjust the threshold for sending notification when the free storage space or keep days falls below the threshold.

Camera
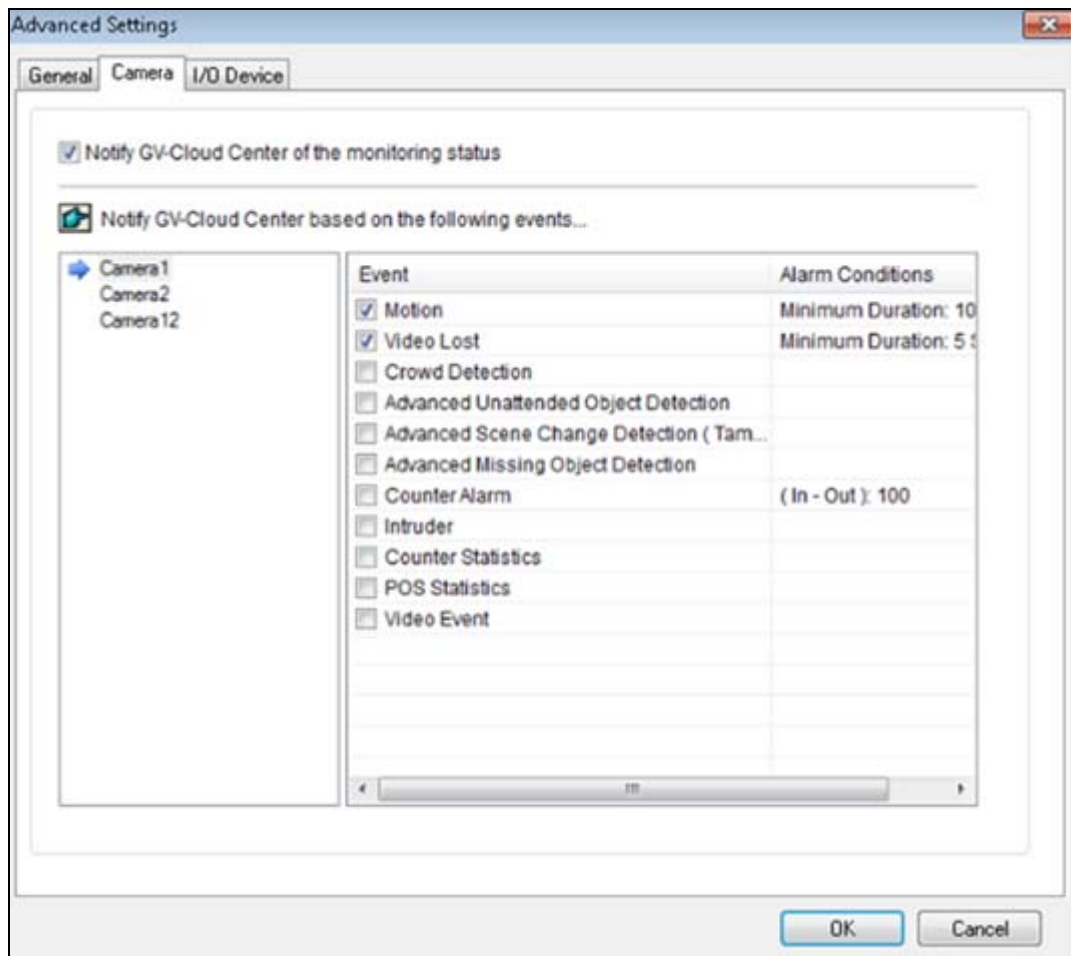
Figure 2-7

■ **Notify GV-Cloud Center of the monitoring status:** Notify GV-Cloud Center whenever camera monitoring is enabled or disabled.

■ **Notify GV-Cloud Center based on the following events:** Select a camera first and then select the type of event alert or data that will be sent to GV-Cloud Center. For some events, you can double-click the following fields to specify the alarm conditions.

■ **Minimum Duration:** For Motion and Video Lost, you can set the minimum duration of the motion or video lost before an alert is generated. You can also set a minimum **Interval** between alert notifications to prevent notifications from being sent too frequently.

■ **In - Out:** For Counter Alarm, you can have GV-VMS send an alert to GV-Cloud Center when the number of IN counted minus the number of OUT counted exceeds the number specified.

I/O Device
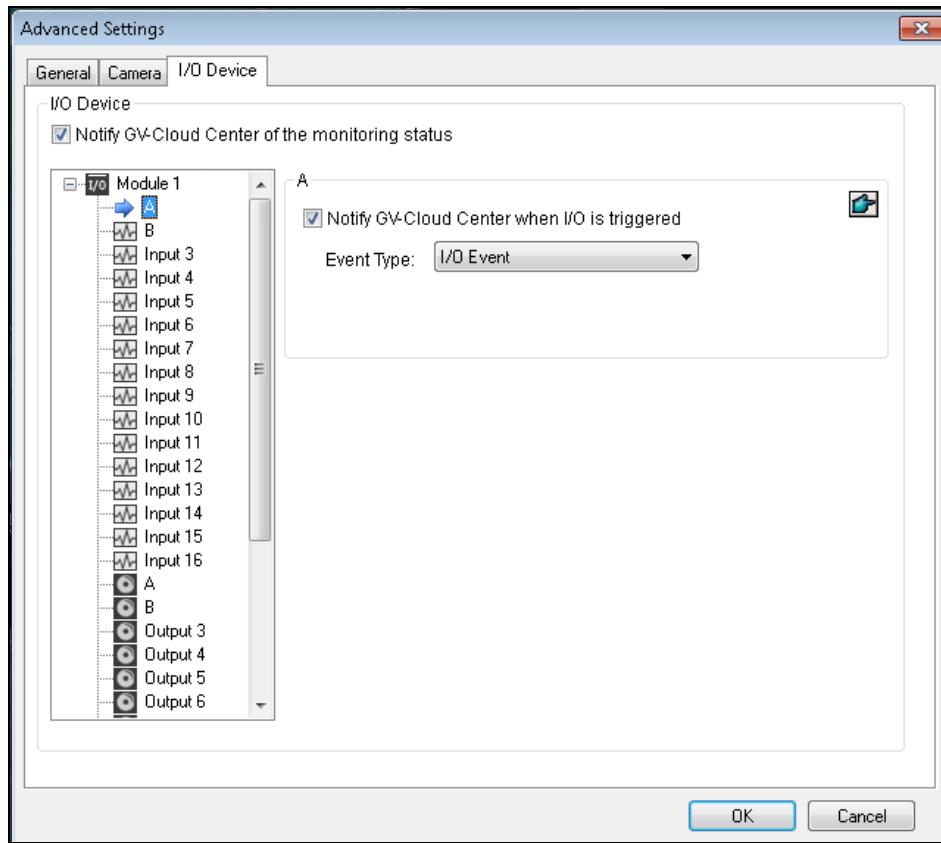
Figure 2-8

■ **Notify GV-Cloud Center of the monitoring status:** Notify GV-Cloud Center whenever I/O monitoring is enabled or disabled.

[Input]

■ **Notify GV-Cloud Center when I/O is triggered:** Select to send a notification to GV-Cloud Center when the selected input is triggered. Use the **Event** type drop-down list to select an event type that best describes the input.

[Output]

■ **Notify GV-Cloud Center when I/O is triggered:** GV-Cloud Center will receive notification when the selected output is triggered.

2.3 Connecting GV-Recording Server to Cloud Center

Follow the steps below to connect the GV-Recording Server to GV-Cloud Center.

1. In the left menu of GV-Recording Server's Web interface, click **GV-Cloud Center** under Advanced Management, and select **Setup** at the right bottom of the page.

Figure 2-9

2. Select **General** and **Camera** tabs to decide for which events or which cameras you want to notify GV-Cloud Center.
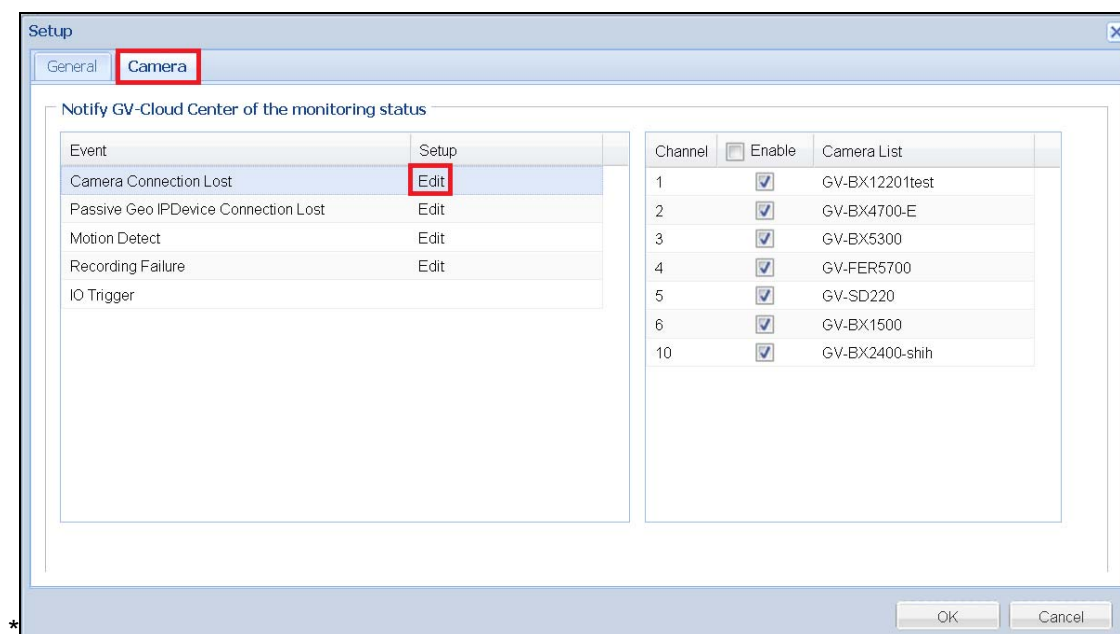
Figure 2-10

3. Select **Edit** to determine the **Interval** between alert notifications to prevent notifications from being sent too frequently. Set **Minimum Duration** of events before an alert is generated.
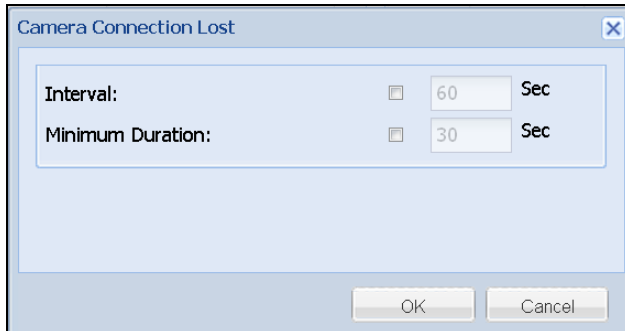
Figure 2-11

4. Type the **User Name** and **Password** of your GV-Cloud Center account.

5. Click the **Login** button to connect.

Figure 2-12
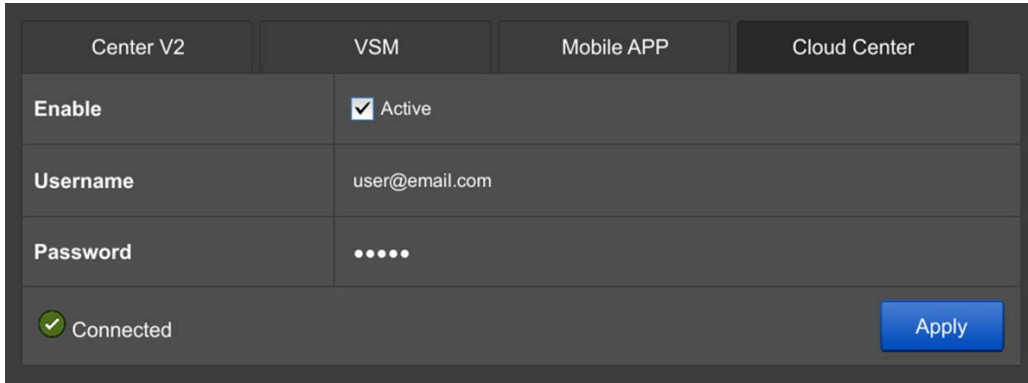
Tip: To access the login page of GV-Cloud Center Portal, click **Enter GV-Cloud Center Service** or click this link: http://dashboard.vsm.mygvcloud.com.

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6. Adjust other settings if needed and click **Save**.

2.4 Connecting GV-SNVR to Cloud Center

Follow the steps below to connect the GV-SNVR to GV-Cloud Center.

1. From the main screen of GV-SNVR, click **Settings** 🖾, select **Service** and click on the **Cloud Center** tab. This interface appears.

Center V2	VSM	Mobile APP	Cloud Center
Enable	☑ Active		
Username	user@email.com		
Password	•••••		
✓ Connected			Apply

Figure 2-13

2. Select **Active** to enable and type the **Username** and **Password** of your Cloud Center account, as defined by Step 1, *2.1 Registering Cloud Center Account*.

3. Click **Apply**, a green icon appears if the connection has been established successfully

Chapter 3 GV-Cloud Center Portal

Through GV-Cloud Center Portal, you can search event notifications and check the status of the connected hosts using a Web browser. When using Internet Explorer, you can remotely play back recordings associated with the events.

You can access **GV-Cloud Center Portal** at http://dashboard.vsm.mygvcloud.com using one of the following Web browsers:

	Supported Versions	Playback
Internet Explorer	11.0 or later	✓
Google Chrome	53.0.2785.116 m or later	N/A
Mozilla Firefox	48.0.2 or later	N/A
Safari (for Mac only)	10.0 (12602.1.50.0.10) or later	N/A
Windows Edge	Edge 25.10586.0.0 or later	N/A

Note:

1. To play back recordings on GV-Cloud Center Portal, you need to use Internet Explorer 11 or later.

2. Safari for Windows is not supported.

Follow the steps below to sign onto GV-Cloud Center Portal.

1. Start your Web browser and go to http://dashboard.vsm.mygvcloud.com. This page appears.
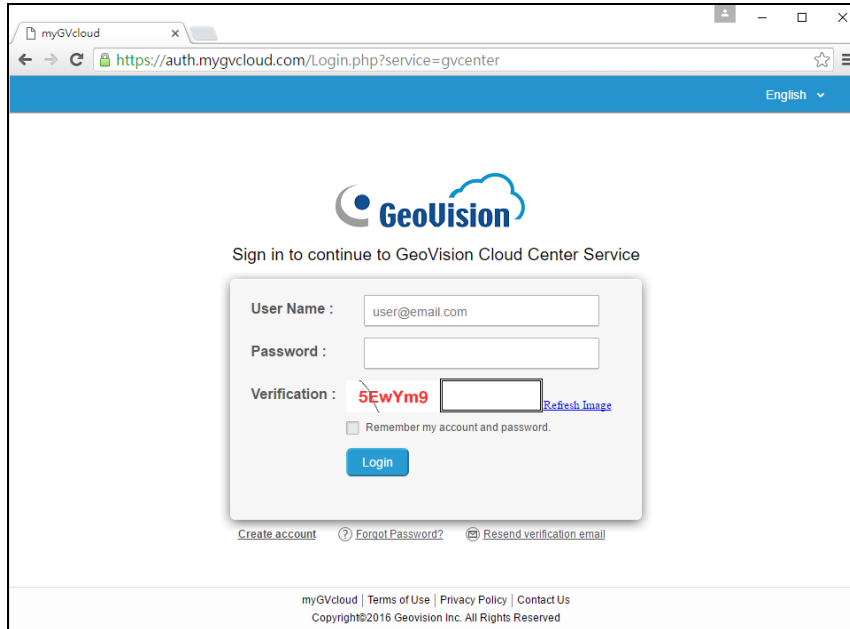
Figure 3-1

2. Type the **User Name** and **Password** of your GV-Cloud Center account.

3. Type the **Verification** code.

4. Click **Login**. You will see a list of connected hosts on the left.
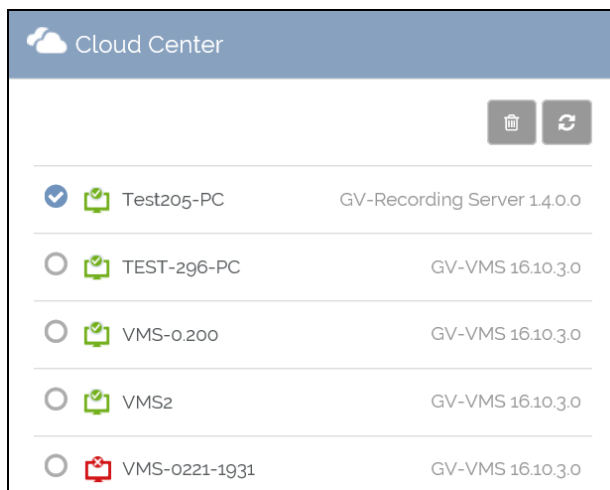
Figure 3-2

5. Click [trash icon] to delete unneeded hosts.

6. Click [refresh icon] to update the status of the listed hosts.

3.1 Subscription

When logging in for the first time, you can access plenty of free GV-Cloud Center's services. To utilize the full functionality, a paid subscription is required. If you would like to subscribe, click **Subscribe** besides Retail Activities or select **Subscribe** from the drop-down list of the GV-Cloud Center account.
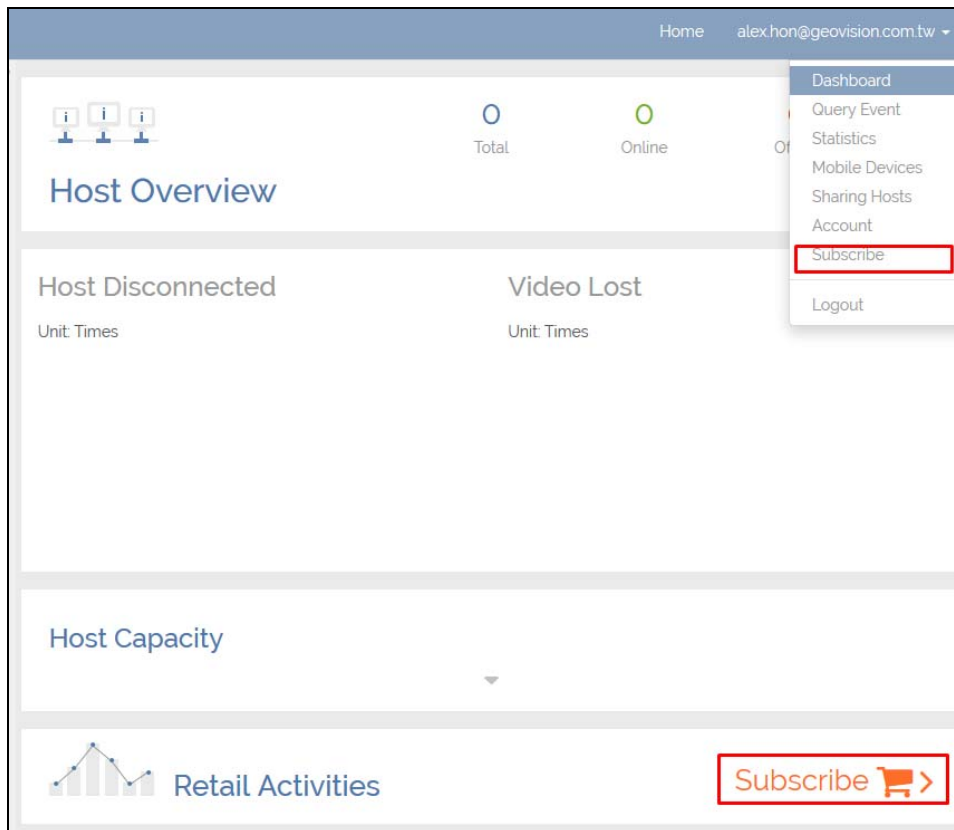
Figure 3-3

The Subscription page shows up.

Your Card Information		
Number	Name	Expiration Date
	No cards found	
		*All subscriptions will be paid by this card.

Your Current Plan			
Expired Free Plan	◉ $5.99/month	(monthly recurring charges)	*Auto Renewal: After the first month free trial period, you wiil be charged for the subscription price on your next billing date automatically until you cancel. Pay with Card

Our Plans & Price		
	$5.99/month	Free
Host Information	✔	✔
Query Event	✔	✔
Heatmap(Only for NotifyApp)	✔	✖
POS and Counter Statistics	✔	✖
Retail Activities	✔	✖
You will NOT be charged for the first month of the subscription.		

Figure 3-4

[Your Card Information]

If you have previously subscribed to GV-Cloud Center, you can view the credit card information associated with recurring billing or click **Update** to type your new payment information.

[Your Current Plan]

Click **Pay with Card** to purchase your subscription with a credit card. After the first month free trial period, your will be charged a monthly fee of $5.99 USD and your subscription will be renewed automatically each month. The date on your Current Plan is your next billing date. For those who have already subscribed, you can click **Unsubscribe** to cancel and stop monthly recurring charges.

[Our Plans and Prices]

All users can view the host information and query events of the connected hosts for free of charge. Once subscribed, users can access the Query Heat Map feature on their mobile services as well as the POS or Counter statistics and retail activities.

3.2 Dashboard

After logging on, you can see the information on the connected host and the retail activities.

[Host Overview]

Select a host from the left menu to see specific host information:
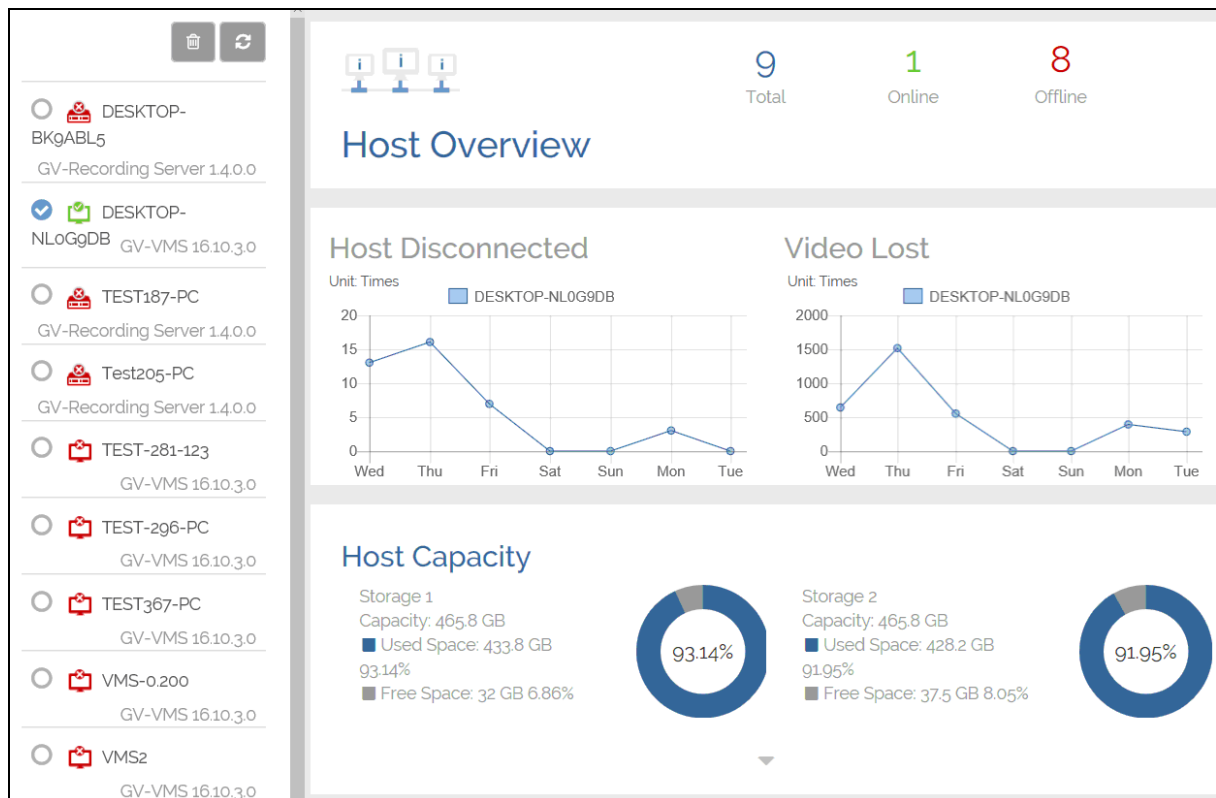
Figure 3-5

- ■ **Host Overview:** Shows the number of the total number of hosts, online hosts, and offline hosts.

- ■ **Host Disconnected:** Shows the number of times the selected host is disconnected during the last week.

- ■ **Video Lost:** Shows the total number of times the IP cameras the selected host is disconnected during the last week.

- ■ **Host Capacity:** Show the disk storage of the selected host.

[Retail Activities] Only available for users with subscription.
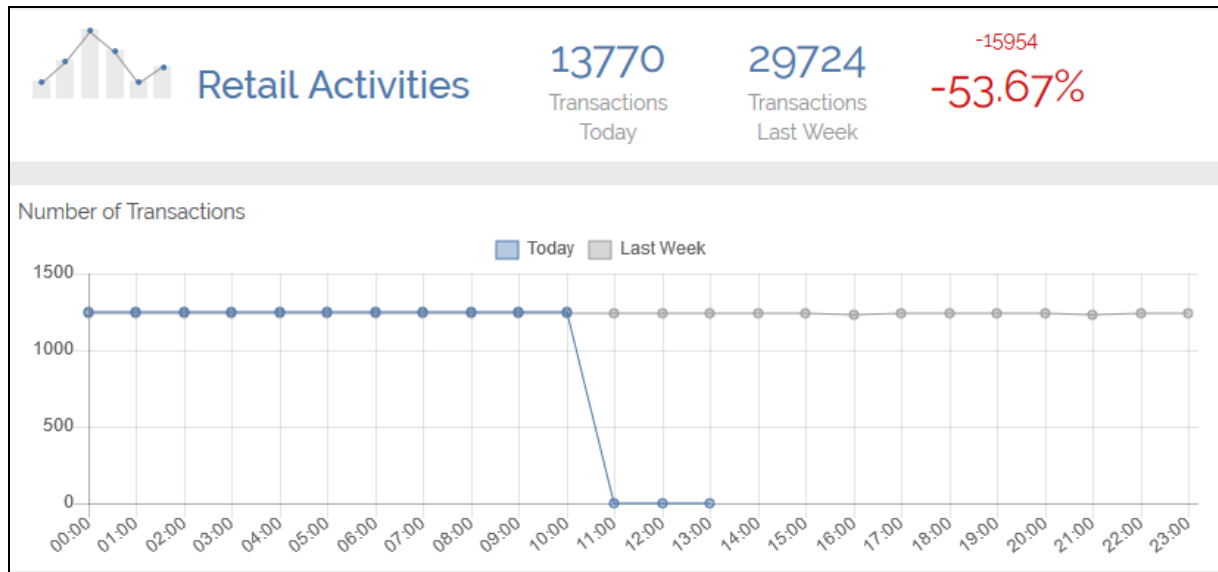
Figure 3-6

■ **Retail Activities:** Shows the number of transactions made today and last week.

■ **Number of Transactions:** Shows today's or last week's transaction trends over a period of time.

■ ▢**Today:** Hides the trend of the given item today.

■ ▢**Last Week:** Hides the trend of the given item in last week.

[Comprehensive Comparison Chart] Only available for users with subscription.
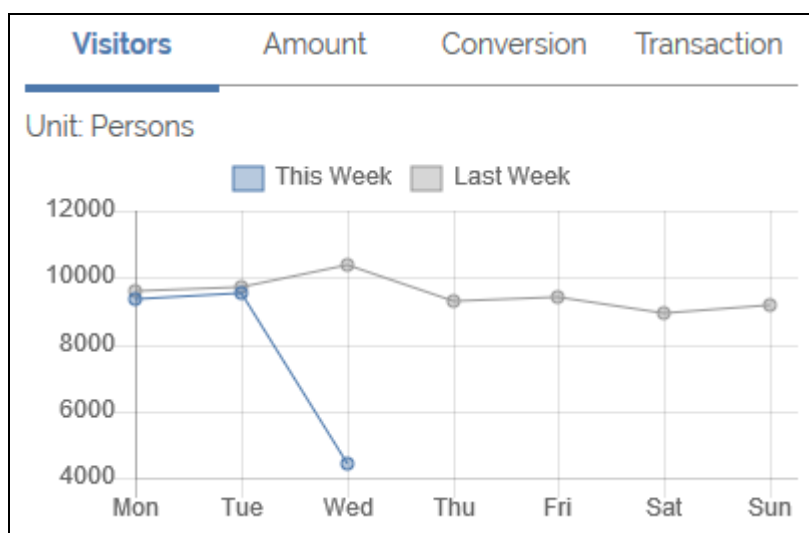
Figure 3-7

■ **Visitors:** Shows the total number of site visitors.

- **Amount:** Shows the total amount of transactions.

- **Conversion:** Shows the conversion rate.

- **Transaction:** Shows the average transaction amount per customer over a calendar week.

- ⬜**This Week:** Hides the trend of the given item in this week.

- ⬜**Last Week:** Hides the trend of the given item in last week.

[Comparison Chart: Visitors / Transaction, Visitors / Conversion, Visitors / Average]

Only available for users with subscription.
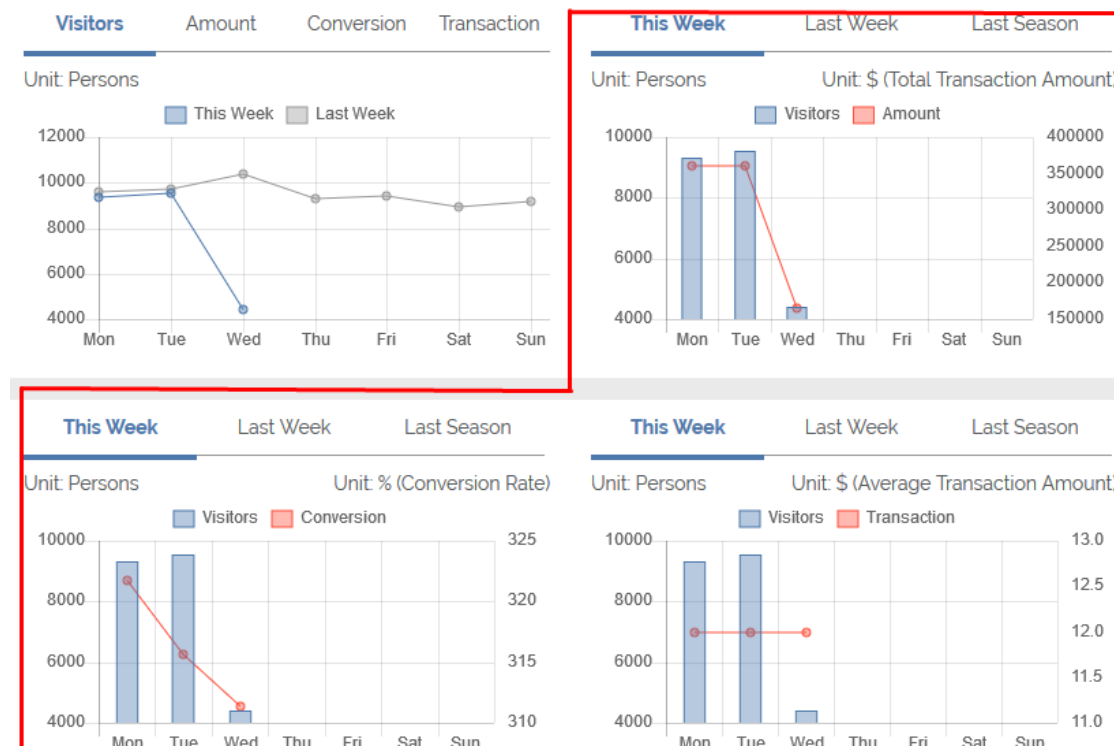
Figure 3-8

- **This Week:** Compares the trends of 2 given items this week.

- **Last Week:** Compares the trends of 2 given items in the last week.

- **Last Season:** Compares the trend of 2 given items in the last season.

- **The** ⬜ **/** ⬜ **Icon:** Click to hide a given item.

3.3 Searching Events and Playing Back Recordings

You can search the events of the hosts connected to the GV-Cloud Center account, and play back recorded videos if available.

Note: To play back recordings on GV-Cloud Center Portal, you need to use Internet Explorer 11 or later.

---

1. Select **Query Event**.
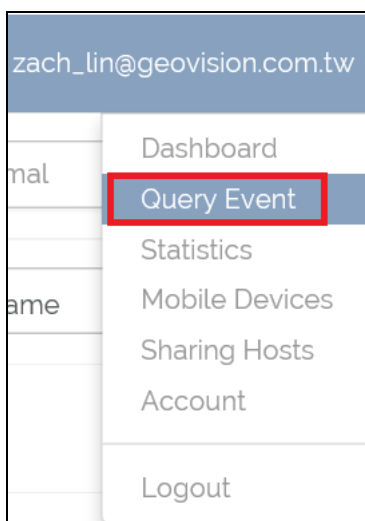
Figure 3-9

2. On the left, select one or more hosts in the host list.
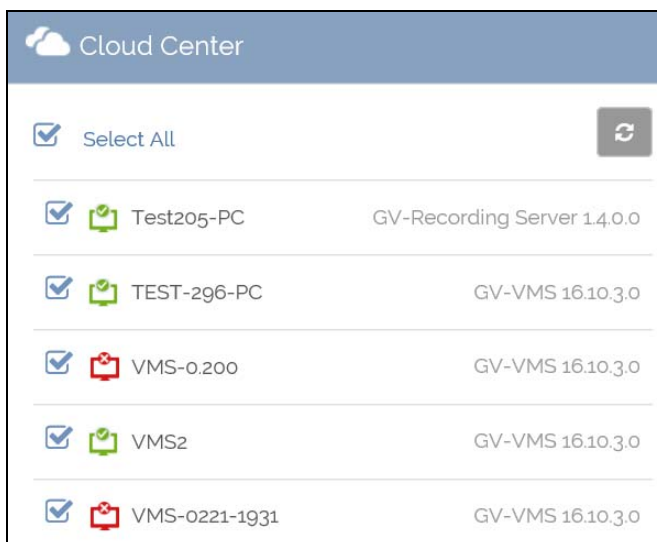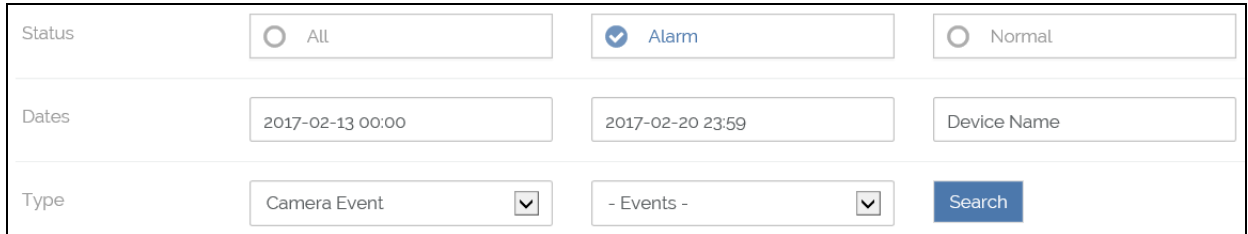
Figure 3-10

3. On the right, you can set search criteria to filter the search results.
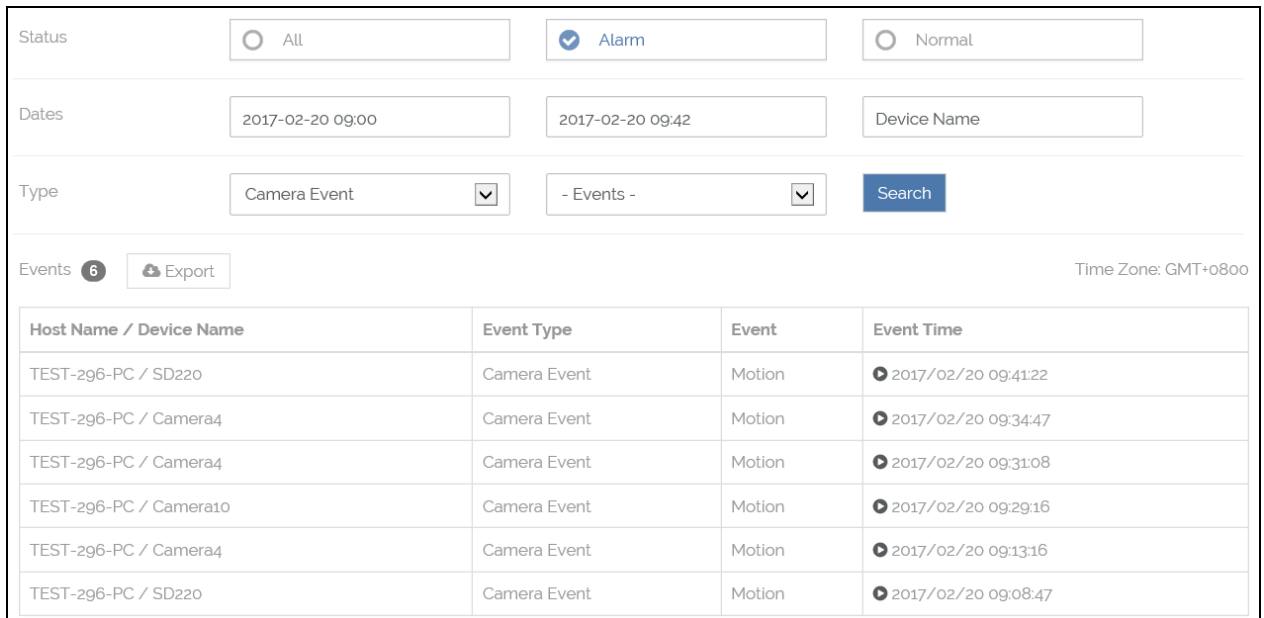
Figure 3-11

- **Status:** Select **Alarm** to search alarm events only, select **Normal** to search non-alarm events, or select **All** to search both.

- **Dates:** You can search for events within a month.

- **Device Name:** Limit the search results to a particular camera.

- **Type:** You can use the **Event Type** drop-down list to search an event category and use the **Events** drop-down list to further limit the search results to an event under the category.

4. Click **Search**.

Figure 3-12

5. You can click **Export** to download the search results in .csv format.

6. Under **Event Time**, you can click the video icon to play back the recordings associated with the event for up to 180 seconds at a time, if available. First-time users will be prompted to allow and install plugins.
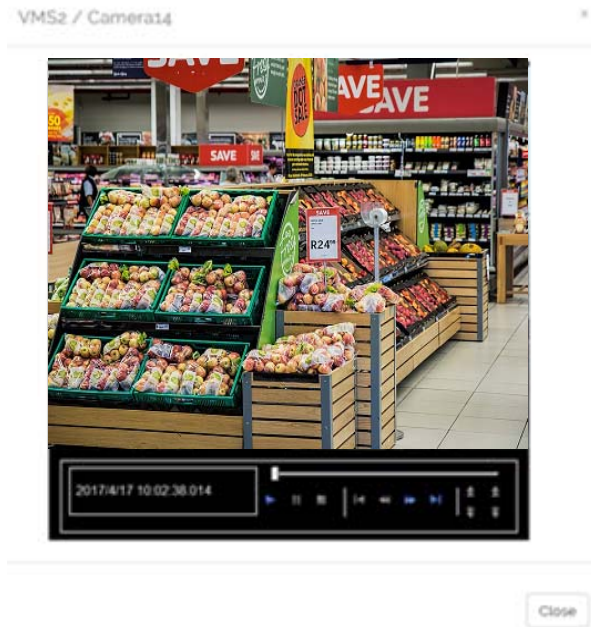
Figure 3-13

3.4 Accessing Host Information

You can click on the host name in the Hosts list to access the following information: Info, Camera, Storage, Module (I/O) and POS. Note that the Module and POS tabs are only available for GV-VMS hosts.
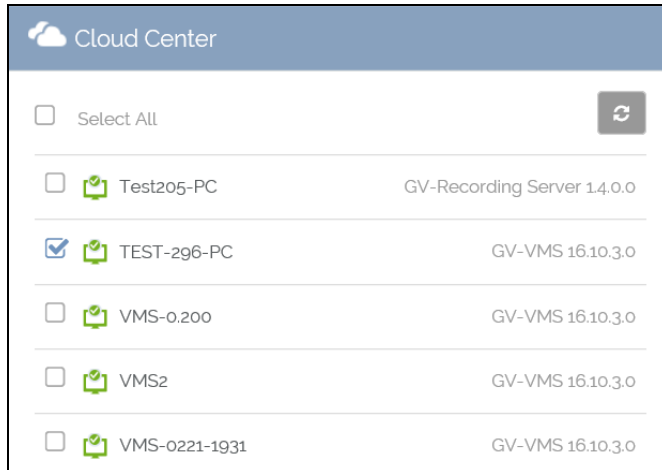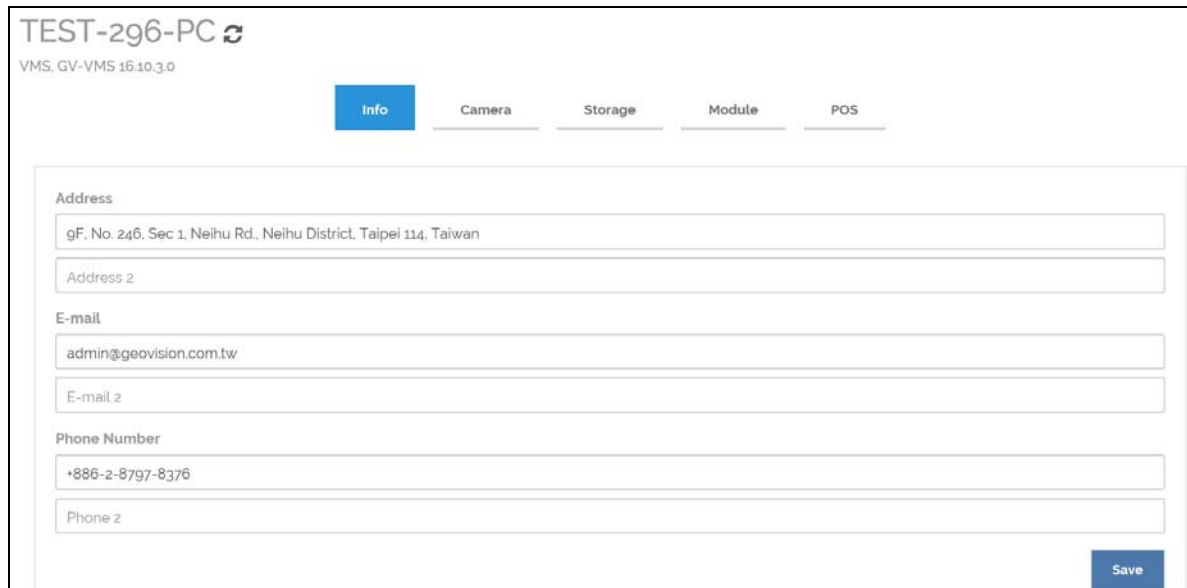
Figure 3-14

[Info]

Under the Info tab, you can type the contact information of the host site or the responsible personnel: Address, E-mail, and Phone Number.

Figure 3-15

[Camera]

You can check the status of cameras connected to the host including connection status, monitoring status, recording mode, assigned storage group and counter statistics.

Figure 3-16

Note: To see counter statistics, be sure to enable the Counter Statistics option in the GV-Cloud Center setup page of GV-VMS. See *Configuring Advanced Settings* section in Chapter 2 for details.

[Storage]

The Storage tab shows the recycle status, recycle settings, storage path and available storage space of the host.
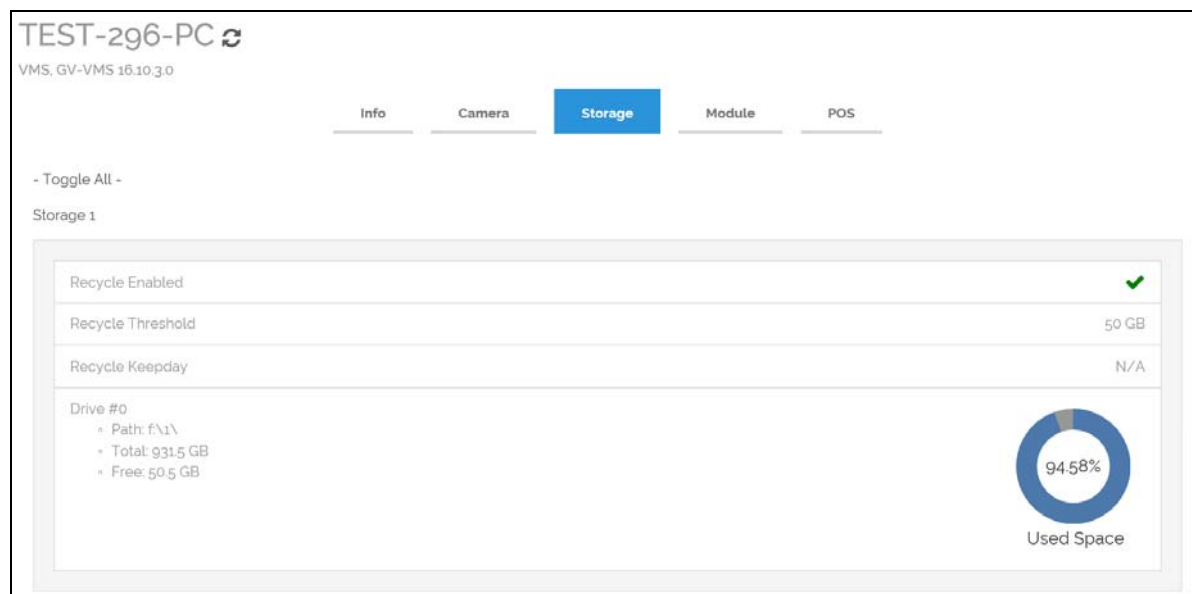
Figure 3-17

[Module]

The Module tab is only available for GV-VMS hosts. You can see the I/O module connected to the host and see whether or not the I/O device is being triggered.

Figure 3-18

In addition, you can click the ✎ icon under **Mapping Camera** to map a camera from any of the connected hosts to the input device. When searching events, a recording of the associated camera will be attached to the input-triggered event for playback.
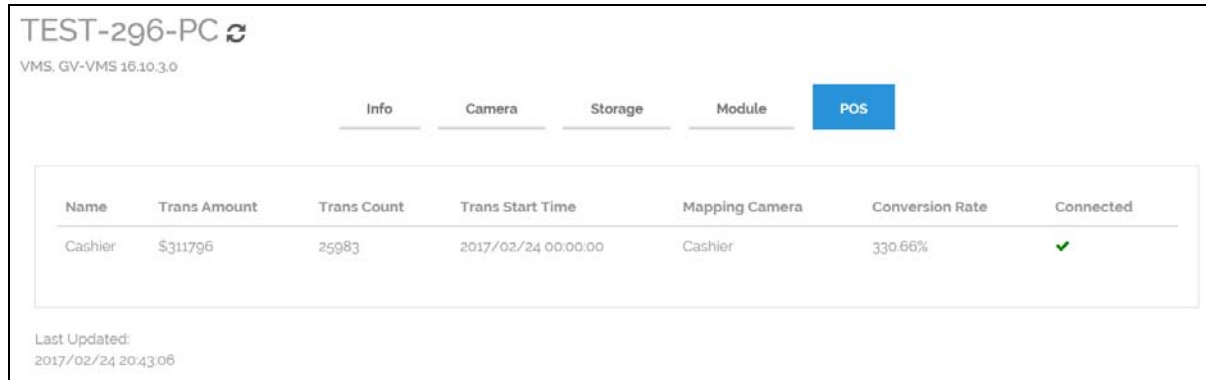
Figure 3-19

[POS]

The POS tab is only available for GV-VMS hosts. If POS devices are connected to the host GV-VMS, you can see the hourly transaction amount, transaction count and general status of each POS device. Except for the connection status, other POS information is available for subscribers only.

Figure 3-20

Note: To see POS statistics, be sure to enable the POS Statistics option in the GV-Cloud Center setup page of GV-VMS. See *Configuring Advanced Settings* section in Chapter 2 for details.

3.5 Configuring General Settings

In the top-right corner, click the GV-Cloud Center account to see additional settings.
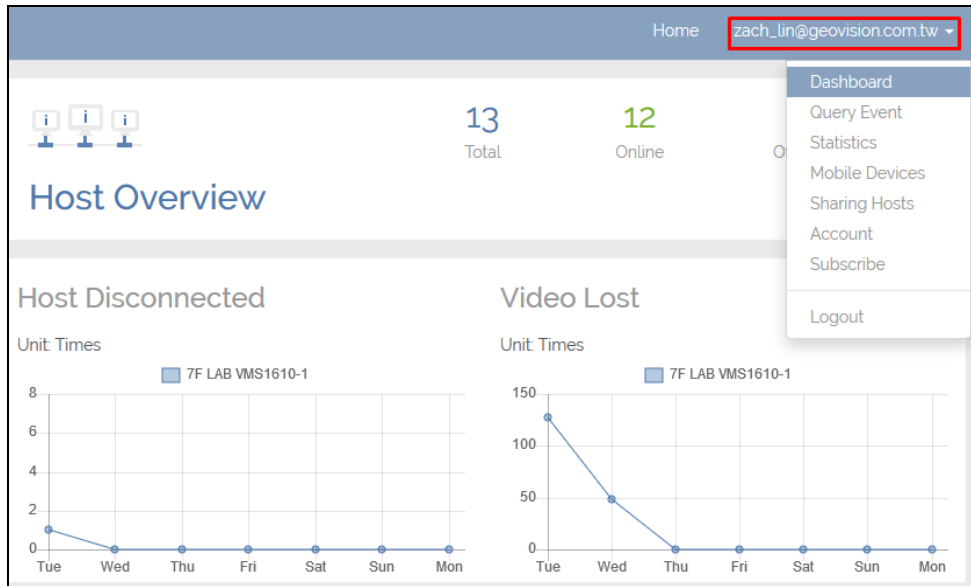
Figure 3-21

[Dashboard] See *Dashboard* section earlier in this chapter for details.

[Query Event] See *Searching Events and Playing Back Recordings* section earlier in this chapter for details.

[Statistics] You can search POS and Counter results by hour or by day.

1. Select one or multiple hosts.

Figure 3-22

2. Next to Type, select **POS** or **Counter**.

Figure 3-23

3. Select **Hour** to see hourly results of the selected date or select **Day** to see the daily results of the days within two months.

4. Select a single day for hourly results or set a time range for daily results.

5. Click **Search** to see data displayed in a table.

Figure 3-24

6.   Click **Report**. Select **Amount** to view **Total Transaction Amount**.

Figure 3-25

7.   You can see data displayed in a line graph.

Figure 3-26

8.   You can click **Export** to download the search results in .csv format.

[Mobile Devices] The Mobile Devices page shows the mobile devices that are currently logged on and you can log them out. Mobile devices which logged onto the GV-Cloud Center account before are listed here and can be deleted as well.

Figure 3-27

[Sharing Hosts] In the Share List, you can see a list of hosts connected to GV-Cloud Center, including their e-mail addresses and status.

Figure 3-28

To add a new host:

1. Select **New** on the top right corner and this window pops up.

Figure 3-29

2. Select the host and type the e-mail address of the GV-Cloud Center account you wish to share the host with. After you add another GV-Cloud Center account to share the host with, you can see it listed on the Share List.

Note: Upon receiving the verification e-mail from GV-Cloud Center, click on the link in it to confirm your acceptance of the host. The data in the host will be available for the newly added GV-Cloud Center account from the minute his / her e-mail address is added to the Share List.

[Account] In the Account page, you can change the password and type the contact information for the GV-Cloud Center.
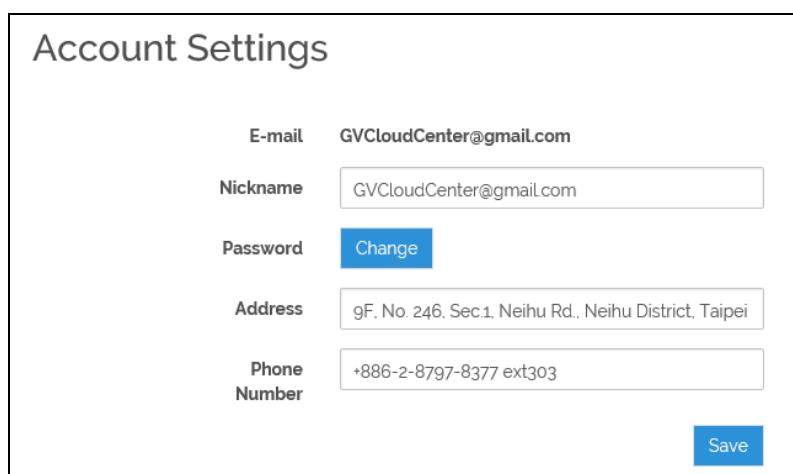
Figure 3-30

Chapter 4 GV-Notify

You can access your GV-Cloud Center from Android or iOS mobile devices. Search for **GV-Notify** in Google Play or App Store. Next, install GV-Notify on your mobile device.

App Version	• GV-Notify V1.2 for iOS
	• GV-Notify V1.2 for Android
Supported OS	iOS 15 ~ 18.2 / Android 12 ~ 14

4.1 Logging On GV-Cloud Center Account

Log onto your GV-Cloud Center account to access the hosts connected to the account.

1. Tap the **GV-Notify** icon on your mobile device.

2. Type the ID and password of your account.
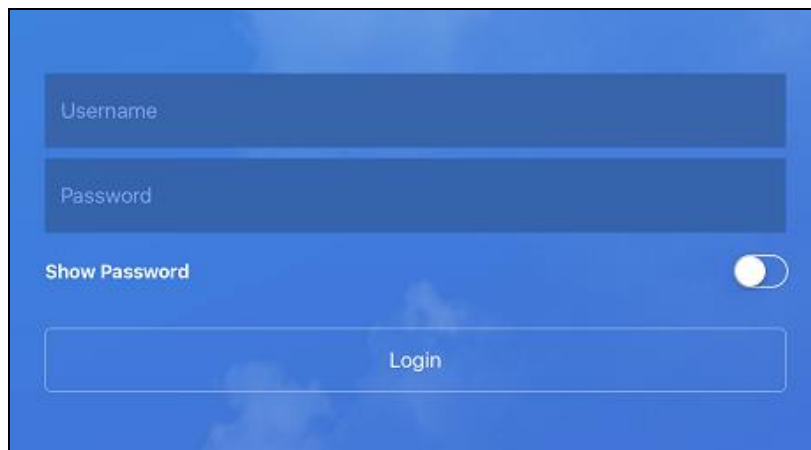
Figure 4-1

3. Tap **Login**. The hosts connected to the account are displayed.

4.2 Monitoring

After logging on the GV-Cloud Center account, connected hosts will be listed in the Monitoring Page. You can tap a host to see the cameras and I/O devices connected.

Figure 4-2

For GV-VMS hosts, the following information is available.

Icon	Description
👤	Counter (IN)
$	POS Transaction Amount
目	POS Transaction Count
%／	POS Conversion Rate

4.2.1 Accessing the Live View

You can tap on a connected camera to see the live view for up to 180 seconds at a time.
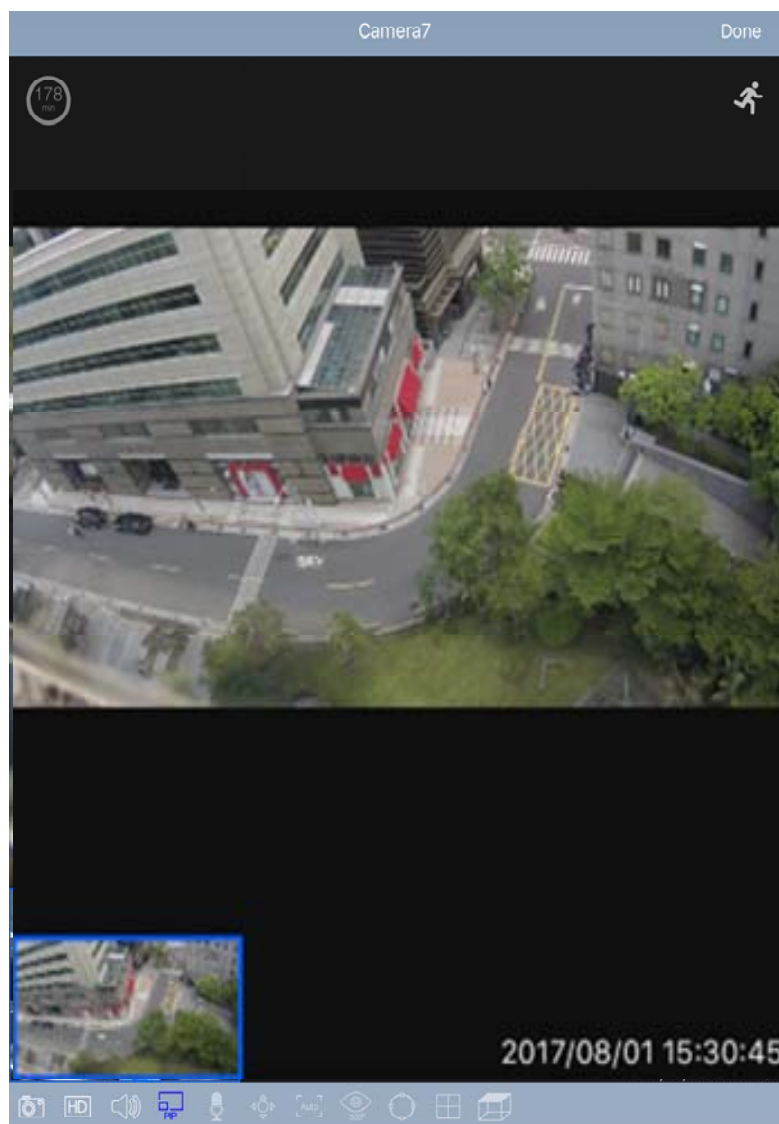
Figure 4-3

Icon	Name	Function
	Motion Detection	The icon becomes red when motion is detected.
	Snapshot	Captures and saves the current live view image in the mobile device.
HD	High Definition	Switches to stream 1 (higher resolution). By default, stream 2 (lower resolution) is connected.
	Speaker	Allows you to listen to sounds from the surveillance site.

	PIP	Shows a picture-in-picture view. If you pinch the main live view to zoom in, a navigation box will appear in the PIP window to indicate the zoomed in region. You can then slide the navigation box around to see closed-up views of different parts of the live view.
	Microphone	Enables the microphone, allowing you to broadcast sounds to the surveillance site. This function is only available for devices connected to GV-Recording Server.
	PTZ Panel	Enables the PTZ control panel. You can control the camera view using the following: ● : tap the arrow and drag toward the direction you wish to move the camera view ● : zooms in and out ● : focuses in and out ● : Moves the camera view to the home position ● : Moves the camera view to a predefined position by selecting a preset number
	Auto Focus	Automatically focus the live view. This function is only accessible when the PTZ panel is enabled.
	Fisheye Dewarp	Dewarps the fisheye live view and allows users to align the live view, select display mode and define the installation type. For details, see **Image Alignment**, **Display Mode** and **Installation Type** in this table.
	Image Alignment	Defines the size and center of the Fisheye view. Tap to enable this function and then enlarge, minimize and move the red circle. Tap this icon again to apply the setting.
	Display Mode	Defines the display mode of a GV-Fisheye Camera ● Quad View: shows the live view in 4 PTZ views ● 360-Degree View: shows 2 PTZ views and a 360° view ● Single 180° view: shows one 180° view ● Single View: shows one PTZ view
	Installation	Defines the installation type of a GV-Fisheye Camera. Tap the icon and select among: ● ceiling mount ● wall mount ● ground mount
	Hardware Decode	Enables GPU decoding to lower CPU loading and increase the smoothness of live view. Note this function is only supported by some Android mobile devices.

4.3 Message Inbox

Tap **Message Inbox** to see new events of the connected host(s).
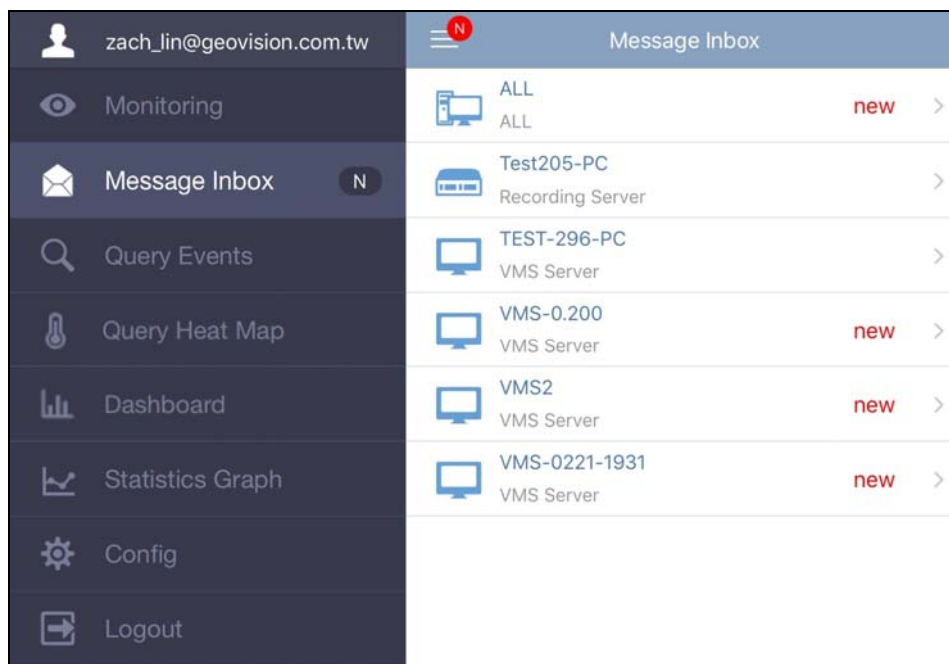
Figure 4-4

For events with a video icon , you can tap the event to play back recorded video for up to 180 seconds at a time.

4.4 Query Events

Tap **Query Events** to search events and play back recordings.

Figure 4-5

Note: Audio is not supported when playing back recordings.

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1. Tap **Selected Device** to select **All Devices** or individual hosts.

2. Set a **Start Date** and an **End Date** and this time period cannot be longer than one month.

3. Tap **Query Event Status** to select **Alarm** for alarm events only, **Normal** for non-alarm events only, or **All** for both types of events.

4. Tap **Query Event Type** to select the types of events you want to search, such as I/O Alert, Camera Event, and POS Event…etc.

5. Tap the **Search** icon ⊞ to see the search results.

6. For events with a video icon ▶, you can tap the event to play back recorded video for up to 180 seconds at a time.

You can access the following functions by tapping the corresponding icon.

Icon	Name	Function
📷	Snapshot	Snapshots the current playback and saves it to your mobile device.
PIP	PIP	Displays a picture-in-picture view which is a close-up view with its original view displayed in an inserted window. This function is enabled by default. On your mobile device, pitch to zoom the part of the playback you wish to examine. You can then glide on the screen to see the different parts of the close-up view
⊡	Hide Control Bar	Hides the control bar on the playback window so that the users can get a full view of the playback display.

4.5 Query Heat Map

Note this feature is available for users with subscription.

If you have enabled the Heat Map function on GV-VMS, you can tap **Query Heat Map** to see the hourly Heat Map results of a connected device.
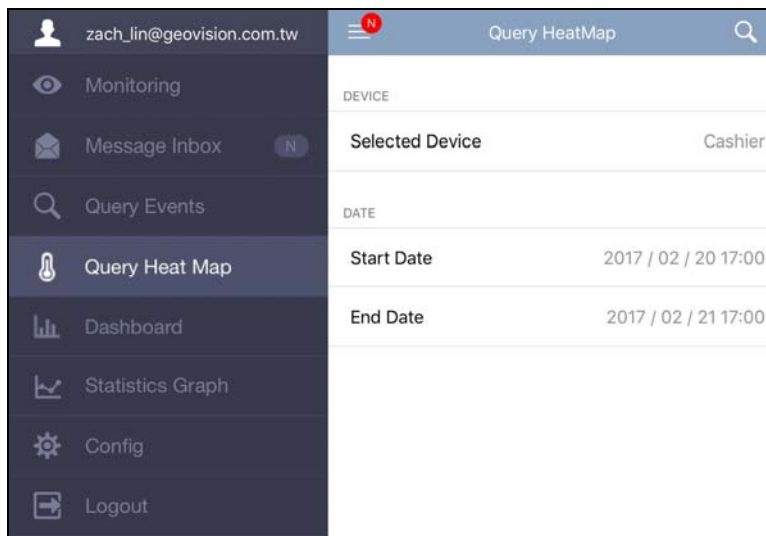
Figure 4-6

1. Tap **Selected Device** to select a connected device.

2. Set a **Start Date** and an **End Date** and this time period cannot be longer than a day.

3. Tap the **Search** icon. The hourly Heat Map results are displayed automatically.
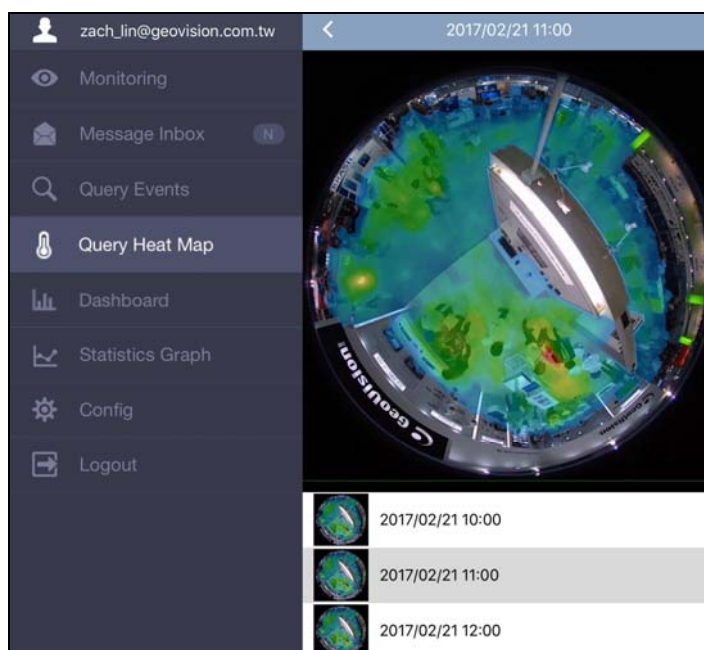
Figure 4-7

4.6 Dashboard

1. You can tap **Dashboard** to see host information, including the disconnection status, video loss and host capacity.
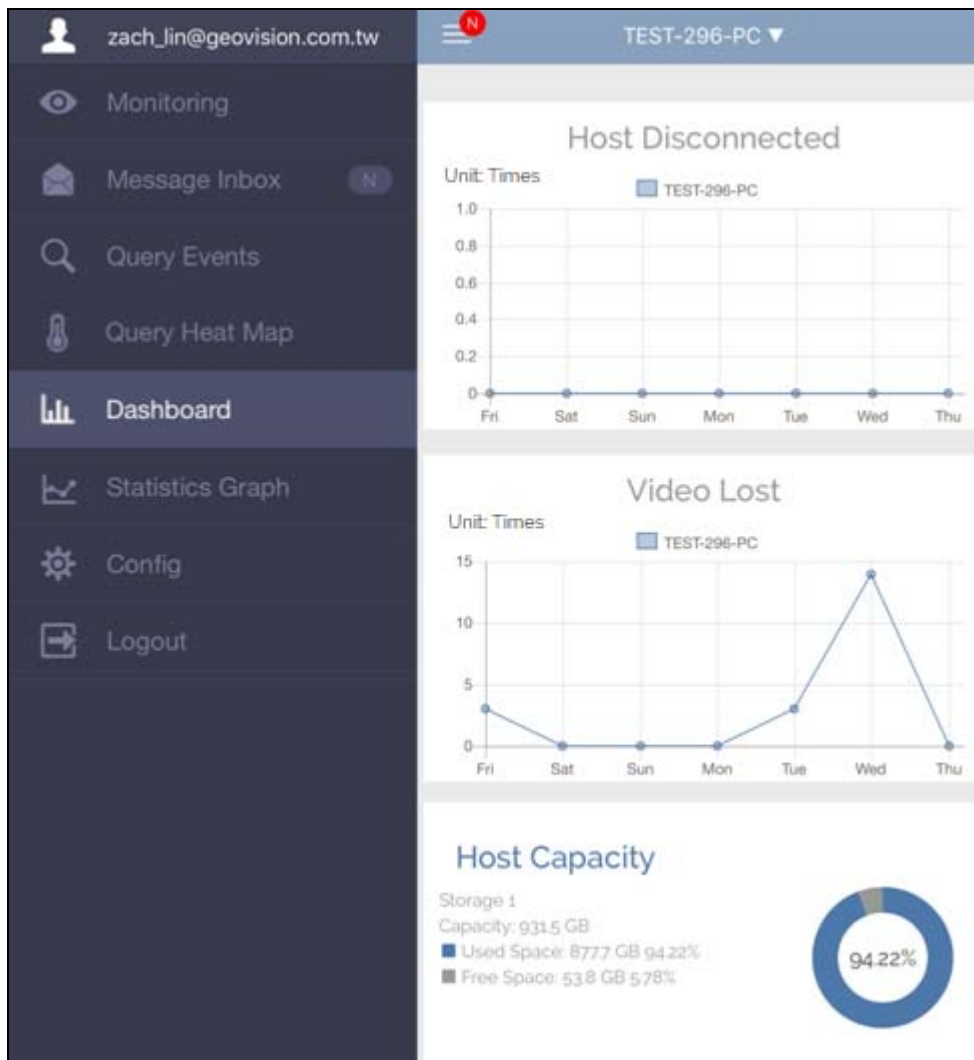
Figure 4-8

Note: Tap the PC name drop-down list on the top to select a host.

Figure 4-9

■ **Host Disconnected**: You can see the daily record of host disconnection during the past week.

■ **Video Lost**: You can see the daily record of video loss during the past week.

■ **Host Capacity**: You can see the storage information of the host.

Note: The Dashboard information below is for subscribers only.

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2. Swipe down to see two sets of transaction records displayed. The blue line graph illustrates today's hourly record of transactions and the grey last week's. It compares today's hourly record of transactions with those of last week.
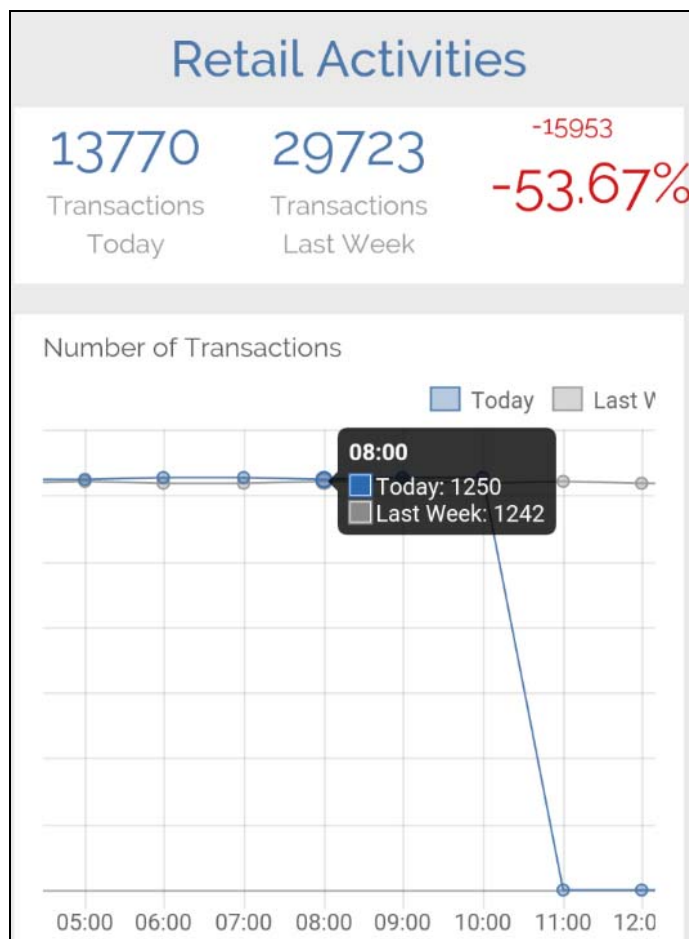
Figure 4-10

3. Swipe down to tap **Visitors**, **Amount**, **Conversion**, or **Transaction** to see the line graphs representing the data during this week and the past week. Two sets of data are displayed. The blue graph illustrates this week's data and the grey the last week's data.
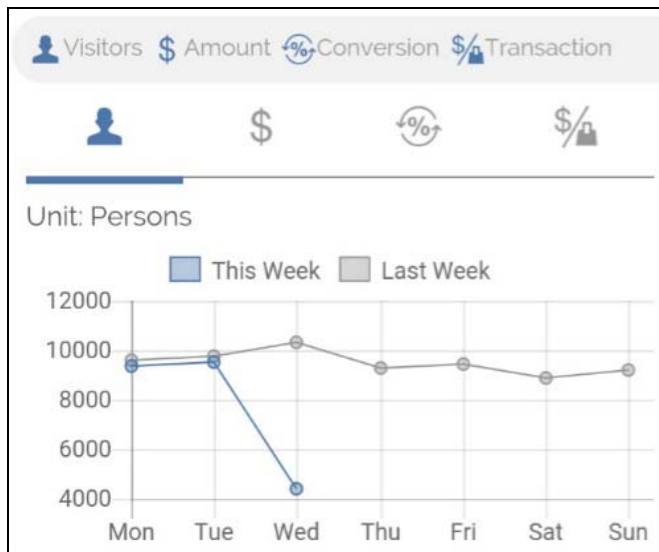
Figure 4-11

- ■ **Visitors:** You can see the results of GV-VMS's counter functions.

- ■ **Amount:** You can see the total transaction amount.

- ■ **Conversion:** You can see the proportion of visitors to transactions.

- ■ **Transaction:** You can see the number of trading completed.

4. You can see the blue bar representing the number of **Visitors** and the red line graph indicating the **Total Transaction Amount** during this week, last week and last season.
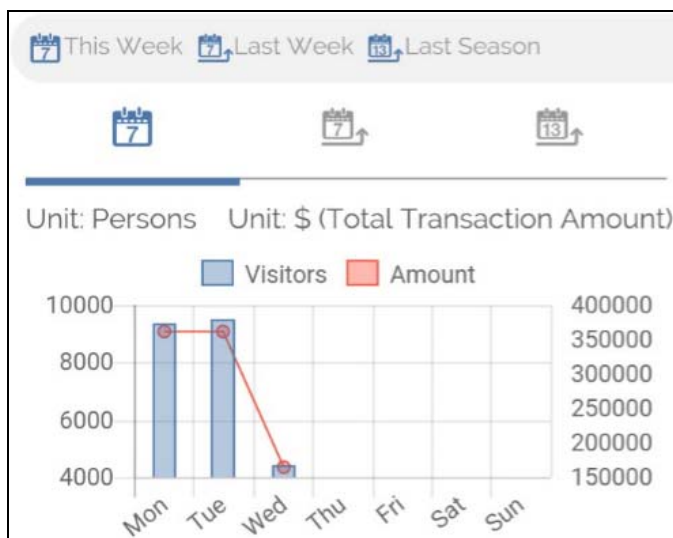
Figure 4-12

5. You can see the blue bar representing the number of **Visitors** and the red line graph indicating the **Conversion Rate** during this week, last week and last season.

Figure 4-13

6. You can see the blue bar representing the number of **Visitors** and the red line graph indicating the **Average Transaction Amount** during this week, last week and last season.
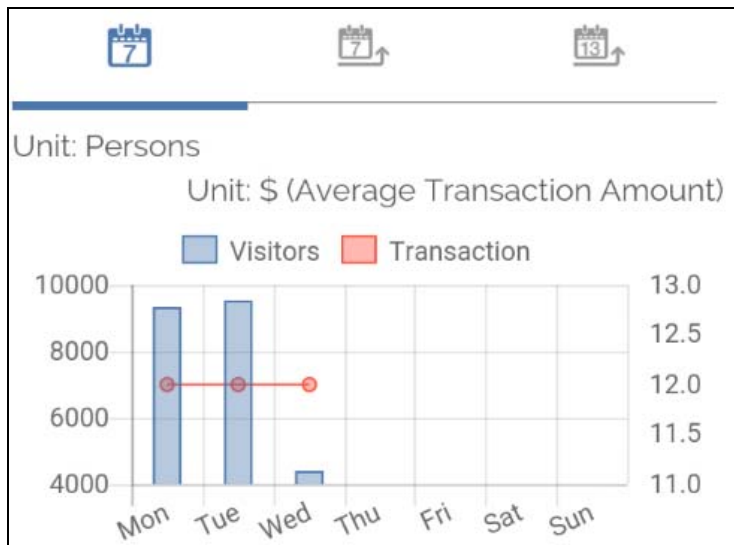
Figure 4-14

4.7 Statistics Graph

Note this feature is only available for users with subscription.

To search POS or Counter statistics displayed in a graph, tap **Statistics Graph** to see the daily or hourly results from GV-VMS.
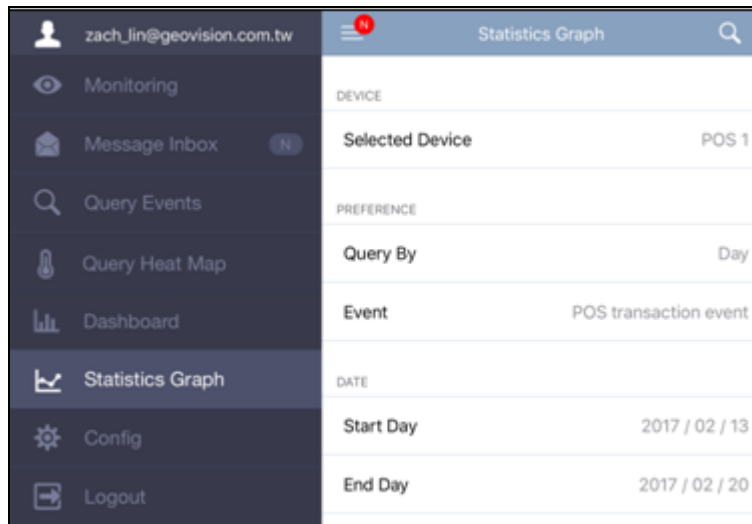
Figure 4-15

1. At the bottom of the page, select **POS** or **Counter**.

2. Tap **Selected Device** to start your query.

3. Tap **Query By** to search data by **Day** or by **Hour**.

4. For daily statistics, set a **Start Date** and an **End Date** and this time period cannot be longer than one month. For hourly statistics, select a date, and then set a **Start Hour** and an **End Hour**.

5. Tap the **Search** icon. The POS or Counter results are displayed.
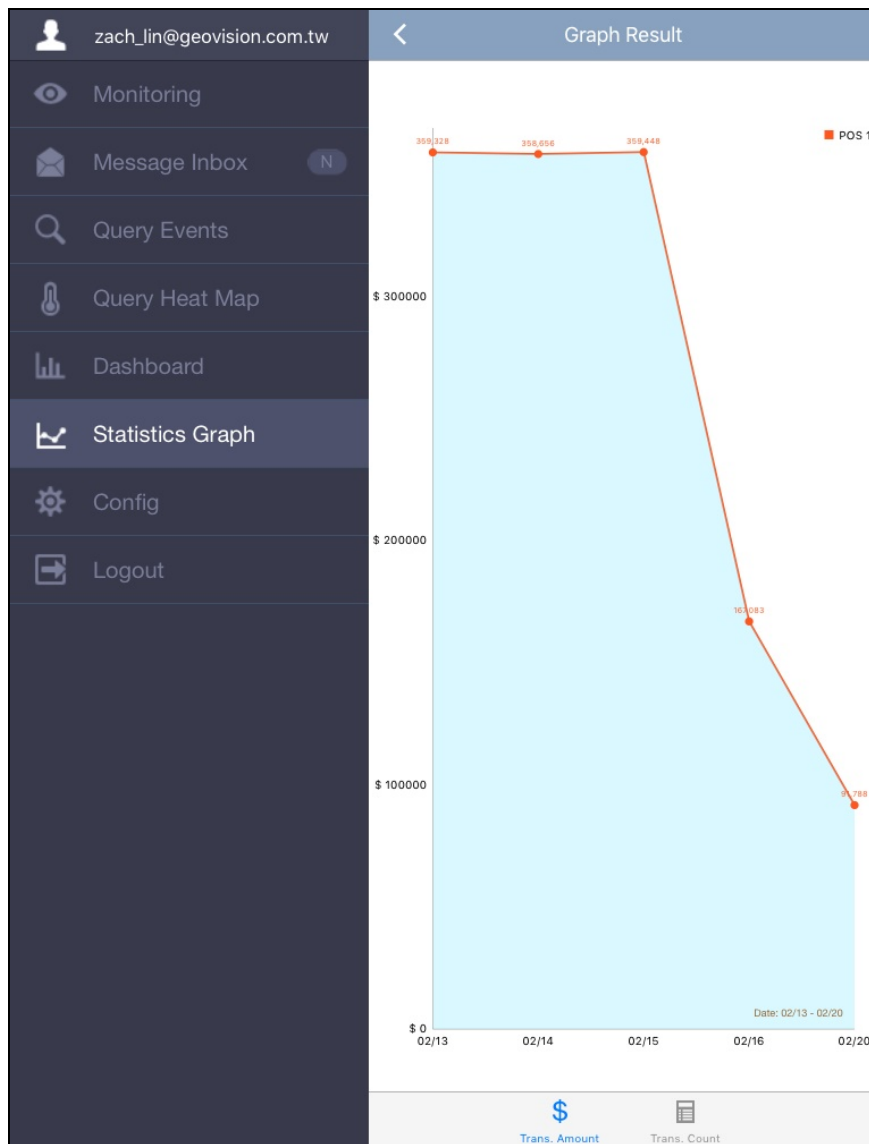
Figure 4-16

4.8 Config

To configure settings of GV-Notify, tap the **Config** tab.
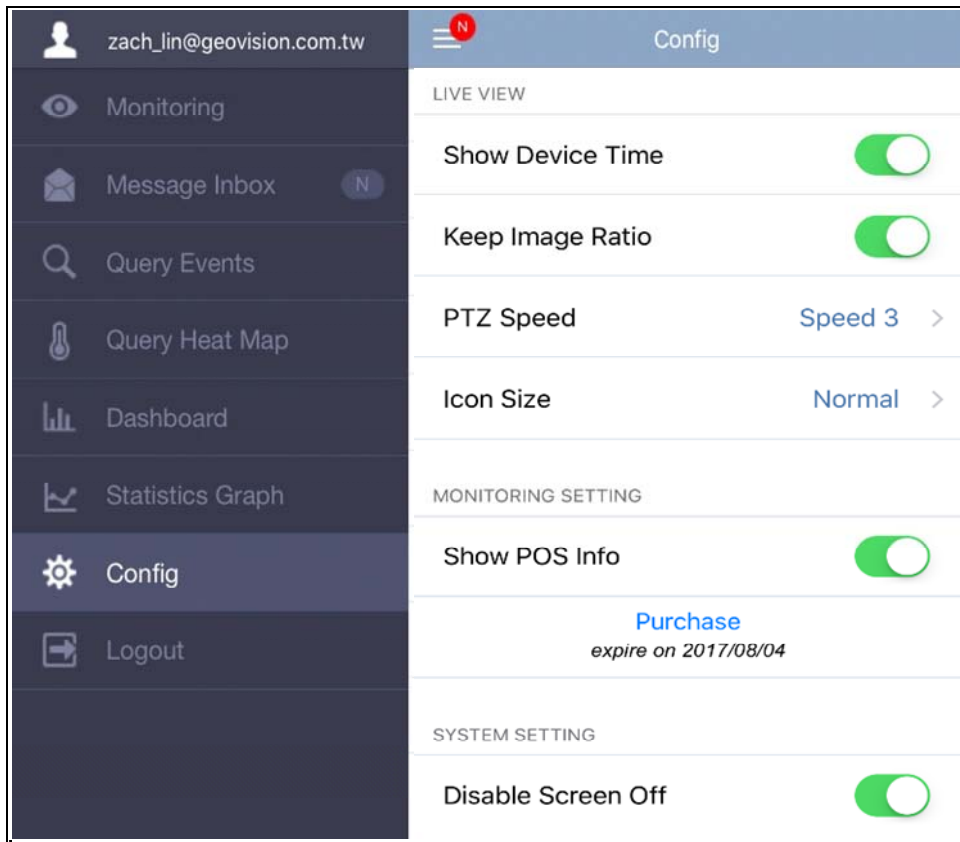
Figure 4-17

[Live View]

- **Show Device Name:** Displays device name on live view.

- **Keep Image Ratio:** Displays the live view in the device's original image ratio.

- **PTZ Speed:** Changes the PTZ speed. Speed 1 is the slowest and speed 5 the fastest.

- **Icon Size:** Adjusts the size of the icons in live view.

[Monitoring Setting]

- **Show POS Info:** Enable if you want to see the following statistics displayed under GV-VMS hosts in the Monitoring page: 👤 Counter (IN), 💲 POS Transaction Amount, ▤ POS Transaction Count, 🔄 POS Conversion Rate.

[Purchase] Click to manage your subscription. For details, see *3.1 Subscription*.

[System Setting]

- **Disable Screen Off**: Turns off sleep mode of the mobile device when GV-Cloud Center is running.

Appendix

A. List of Event Notifications

In the following chart, for each event, ✓ indicates that the connected Hosts will send notifications to **GV-Cloud Center Portal** whereas * means to **GV-Notify.**

Event ╲ Host	GV-VMS	GV-Recording Server	GV-SNVR0412 GV-SNVR8012 GV-SNVR1612
I/O Event			
Triggered by input	✓ *		
I/O lost	✓ *		
Triggered by output	✓ *		
I/O Module - Input trigger resumed	✓		
I/O resumed	✓		
I/O Module - Output trigger resumed	✓		
System Abnormal			
App error	✓ *		
Recording failure	✓ *	✓ *	
USB-Dongle is missing	✓ *	✓ *	
Login fail in surveillance system	✓ *		
Camera Event			
Motion	✓ *	✓ *	✓ *
Video lost	✓ *	✓ *	✓ *
Intruder	✓ *		
Missing object	✓ *		
Unattended object	✓ *		
Tampering alarm	✓ *		
Crowd detection	✓ *		
Counter alarm	✓ *		

Video Lost (Passive Mode)		✓ *	
Motion stopped	✓ *	✓	
Video Resumed	✓ *	✓	
POS Event			
POS loss prevention event	✓ *		
POS lost	✓ *		
POS resumed	✓		
I/O Alert			
Fire alarm	✓ *		
Gas alarm	✓ *		
CO2 alarm	✓ *		
Emergency button	✓ *		
Gate sensor	✓ *		
Reed switch	✓ *		
Infrared sensor	✓ *		
Fire door	✓ *		
Roller shutter	✓ *		
Ventilation switch	✓ *		
System Status			
Disconnect from VSM		✓ *	
Disconnect from Backup Center		✓ *	
Disconnect from GV-Failover Server		✓ *	
Monitoring started	✓		
Monitoring stopped	✓		
Recycling started	✓	✓	
Recycling started (Keep days exceeded)	✓	✓	
Login VSM		✓	
Logout VSM		✓	
Login Backup Center		✓	
Logout Backup Center		✓	

Login GV-Failover Server		✓	
Logout GV-Failover Server		✓	51
Connection			
Disconnect	✓ *	✓ *	✓ *
Host login	✓ *	✓ *	
Host logout	✓ *	✓ *	
Storage			
Storage lost	✓ *	✓ *	
Storage full	✓ *	✓ *	
Storage failure	✓ *	✓ *	✓ *
Recording failure		✓ *	
The keep days of video log is low	✓ *		
The Total Amount of Free Storage Space is lower than certain size	✓ *		