

2019.09.02 Version

GK-Server Web Page Manual

GK-Server Web Page Manual

	Edited by Robert 2019/08/21
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1. Browser

Open Google Chrome and use the default user ID and password to login (admin / admin) GKServer. The best resolution is 1920*1080pixel.

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2. Full screen

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3. Add a new device

3.1 Can add a new device ID manually on the webpage.

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- 3.1.1 In the upper left corner of the car list ^{Device ID+}, click the left button and a window for entering the Device ID will appear.
- 3.1.2 The known Device ID (each device will have a Device ID), fill in the field and press OK.
- 3.1.3 A new Device ID will appear in the car list, and then refer to the contents of 3.4 to edit the

new car settings.

- 3.2 Set 4G Sim card parameters (APN, DialNumber) and specify GKServer IP in the device.
- 3.3 After the device is powered on, there will be an unjoined device on google Chrome (if not manually added).



3.4 Click , GKServer will automatically add the device, and click the edit symbol to set the information of the new car.

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4. DashBoard

It will sort according to the first English word of the device. Each page will have 16 devices, and each page will be divided by tab0, tab1, tab2,

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4.1 Each device has a corresponding function as long as it has a blue icon.

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4.1.1 Click the Device ID(one device only has one ID and it will not be the same as others)



4.1.2 Click edit icon \square , it will show the setting of the device.



4.1.3 Click delete icon \times , it will show if you want to delete the device.

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4.1.4 Move the mouse to the map icon 🎽 , it will display the GPS location information and the

corresponding Google Map will pop up on the right.

P.S. When you don't see this icon, it response that you can't get GPS positioning of the car.



4.1.5 If you use https to login GKServer, it will support the function of intercom



4.2 Move the mouse to the Google Map on the right and the live view of CH1 will be automatically displayed on the left.

(The blue car means that the device is connected to the GKServer, if the gray car represents the car is offline)



5. TreeView

This function can set the monitoring screen group of multiple cars, so that you can directly open the same monitoring screen after the next login, you can avoid re-selecting the car to monitor.



- 5.1 Click Create New Config to create a new monitoring group, then enter the name, like"Trucks", and click the button save, this group will be created.
- 5.2 After opening this group screen, choose the live view or GPS position on the left to be monitored. It will be automatically displayed in the right window and automatically saved to the settings of this group, which is convenient for the next quick surveillance.



6. LiveView

This function allows you to select all channels of the device, Google Maps, speeds, and car directions to monitor.

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- 7.1 GKServer will classify all vehicles. When you select the icon in the lower right corner, different vehicles will be displayed.
 - 7.1.1 The vehicles are underway.
 - 7.1.2 The devices are online but not moving.
 - 7.1.3 In the case of a running vehicle with overspeed, the GKServer defaults the overspeed of 100KM/Hr.



- 7.1.5 Offline 241 The devices are offline.
- 7.1.6 **All 271** The devices are on the GKServer.
- 6.2 Display the live view and status of the car. Clicking on the vehicle will directly display the full information and GPS of the car.

BT000729 : BT000729 , TW-BT000729 - 8 channel - 0 Km/h



7. GPS Playback

According to the recorded GPS of the device, you can see the historical track, speed, playback, etc.



7.1 Select the date, device ID, and press Query GPS to query the GPS record of GKServer.





7.2 Click on different times (in units of one hour) will display the speed of each time point (indicated by different colors) and the Google Map track.



7.3 Click on the icon to display the video playback of the car at that time.



8. Video Playback

This is the GKServer video playback function. When the device is connected to the GKServer, you can perform the recording function (select it when you add a new device). When you click Video Playback, the list will be listed according to the vehicle category at the lower right.

Device list	
2061199b2310:世計,世勤,色紅-1 channel-0 Km/h	
off Zd6cf4dd7eb3 : TaiChung , TaiChung-IPC(IMX32Z) - 1 channel - 0 Km/h	
🥔 6120f8dce95b : ChaungHua , ChaungHua IPC - 1 channol - 0 Km/h	
🛷 9bda4234aff1 : TaiChung , TaiChung-IPC - 1 channel - 0 Km/h	
BT000258 : BT000258 , BT000258 - 2 channel - 0 Km/h	
📾 8T000587 : 8T000587 - 8 channel - 0.43 Km/h	
🐲 67000720 : 67000720 - 87000720 - 4 channel - 0 Km/h	
Ø BT000729 : BT000729 ; TW-BT000729 + B channel - 0 Km/h.	
📾 BT000822 : BT000822 . BT000822 - 8 channel - 0.37 Km/h	
🏘 81001023 : 81001023 , France-81001023 - 8 channel - 4.46 Km/h	
S ET001503 : ET001503 , ET001503 - 8 channel - 19.85 Km/h	
ma BT002328:和J於 . 和J於 . 和J於 - B channel - 0.02 Km/h	
48 8T002350 : 8T002350 - 8 thennel - 0.02 Km/h	
💋 810002367 : 81002367 - 8 channel - 39,34 Km/h	
● \$1002657: 註側, 絵冊 \$2D-1 - \$ channel - 0 Km/h	

8.1 When you select any device, you will enter the video playback option of the car, then choose the date, hour, minute segments (10 minutes for a segment), and select the minute, after that you can watch video playback, pre- set to play back CH1.

		-	
CRON BDashboard BTreeView OLiveView BGPS Playback OVideo Playba	ack ©Remote Playback Historical event search Today's event lis	E Search	admin • © Q29:43 •
Image: Speed:1x Council 1 Excup OT ON	Hogent France DD A Q	teren of the second sec	AD AppResence OF States of the
		Yxta Cocina Mexica	Parmette 14 Zinc Cafe & Market PEIDET+02019 Google (SEIN-Cat) EIN-PARAMETER
			hourSelect
	August 2019	1 2 3 4	5 6 7 8 9 10 11
		2 13 14 15 16	17 18 19 20 21 22 23
	11 12 13 14 15 16 17 18 19 20 21 22 23 24		minuteSelect
	25 26 27 29 29 30 31	0 - 9 10 - 19 20 - 2	9 30 - 39 40 - 49 50 - 59
		0 21 22 23	24 25 26 27 28 29
Web: 1.0.13 Server: 6.0.0.17. Max license: 400 expiry date: 2018-12-19	GKServer Server Time: 2019/08/13 13:33:25(+0800)	Driving 13	Idle 23 OverSpeed Online 36 Offline 236 Al 272

8.2 Playback option



9. Remote Playback

In the case of the device is online, then you can do the remote playback of it. When you click on the remote playback, it will display the online device.

(At this time, the vehicle classification in the lower right corner is invalid, only the online device has this function)

🛷 2d6ct4dd7eb3 : TaiChung , TaiChung-IPC(IMX322) - 1 channel - 0 Km/h	
🍠 6120/Bdce95b : ChaungHua , ChaungHua -IPC - 1 channel - 0 Km/h	
💋 8T001503 : 8T001503 , 8T001503 - 8 channel - 0 Kmyh	
🥔 817002960 : 817002960 - 8 channel - 21.06 Km/h	
(m) 81003039: 乳汁()、FUHO-office - 8 channel - 0.65 Km/h	
😋 HT005796 : HT005796 , HT005796 - 4 channel - 0 Km/h	
📾 H1006913 : H1006913 - 4 channel - 0 Km/h	
🐉 HT006927 : HT006927 - 4 channel - 0 Km/h	
● IP000007 : IP000007 , 현업-SMP - 1 channel - 0 Km/h	
or IP083659 : ShowRoom . ShowRoom-SPD(VCP) - 1 channel - 0 Km/h	
🛷 IP09E88A : IP09E88A , IP09E88A ·Spd(outdoor) - 1 channel - 0 Km/h	
6 M1002144 : Strategic2 , M1002144 - 2 channel - 0.02 Km/h	
ST004351 : ST004351 . Thi-ST004351 - 4 channel - 87.14 Km/h	
🖉 ST006453 : ST006453 , ST006453 - 4 channel - 0.15 Km/h	
👔 ST006474 : ST005474 . ST006474 - 4 channel - 0.04 Km/h	

9.1 The Remote Playback function requires the firmware of the device to support the VCP protocol before it can be used. Click on the device, it will display the video list. If the car does not support VCP, it will not be displayed.

	e Start Time		Length	
0	Normal	2019-08-13.1205:04> 2019-08-13.12:23:05	18:01	
1	Normal	2019-08-13 12:23:05> 2019-08-13 12:53:17	30:12	
2	Normal	2019-08-13 12:53:18> 2019-08-13 13:23:21	30,03	
3	Normal	2019-08-13 15/23/21> 2019-08-13 13/53/25	30.04	
4	Normal	2019-08-13 15:53:25 > 2019-08-13 14:07:56	14:31	
v1de	eo category	video start/end time	video lengt	n

Click on any item to watch the remote playback.

9.2 Remote playback function description



Note: Since the Device can only provide one video file transfer at a time, the remote playback function cannot be performed if the download function is in progress.

10. Historical event search

This provides a conditional to search for information about the Event that has been stored in GKServer.

← → C ① 不安計	2 gkvacron.com/gkqueryeventes				타 ☆ 😩 :
ZVACRON	@Dashboard @TreeView @LiveView @GPS Playback	©Video Playback ©Remote Playback 🛛 🖶 Historical event search 🖉 Today's event list	e ∎• ¢\$•	Search	admin * © 029:30 *
Select search criteria	Search result form				
🗉 Group		💷 Date	Event S	ierial No	
U Device ID		III After Date	🗉 After E	vent Serial No	
Event Type		Before Date	E Before	Event Serial No	
					Search

10.1 Event search condition selection description.

ACTER Dashboard TreeView OLiveView BGPS Playback OVic	feo Playback	list 🛛 • 🕸 • Search 🚔 🎝 admin • © 👌 28:34 •
ect search criteria Search result form		
t Group	i≇ Date	🕫 Event Serial No
robert •	August 2019 ◀ ▶ Su Mo Tu We Th Fr Sa	1954975
Device ID	1 2 3 4 5 6 7 9 10 11 12 13 14 5 16 17	密 After Event Serial No
HT004325 Select *		1954975
Event Type	🕷 After Date	10 Before Event Serial No
Online AddrChanged Reboot Offline	August 2019 4 Su Mo Tu We Th Fr Sa	Search
infoChanged SysUpTime GPI0_0	1 2 3 4 5 6 7 (3) 9 10 11 12 13 14 15 16 17 11 19 20 21 22 23 24	
SPIO_2 SPIO_3 DiskError	25 26 27 28 29 30 31	
DrerSpeed Idle VideoLoss (Sansar		
Trigger in Trigger out	August 2019 ◀ ▶ Su Mo Tu We Th Fr Sa	

- 10.1.1 Group: Select Group account to filter Events.
- 10.1.2 Device ID: Select Device ID to filter Events.
- 10.1.3 Event Type: Select the Event category to filter the Events. If it is a custom function, you can also enter the Event ID to filter the Events. For example, 90 is to download all the video files.
- 10.1.4 Date: Click the event for the date of the query.
- 10.1.5 After Date: Click to query the events after a certain day (inclusive).
- 10.1.6 Before Date: Click to query the events before a certain day (inclusive).Note: Since the Event data obtained from GKServer can be up to 10,000, it will be ignored when the number of Event is exceeded. A large number of Event queries need to use the After Date and Before Date to limit the Event query of a certain date, the query result will not be lost.
- 10.1.7 Event Serial No.: Specify an Event serial number to query the Event.
- 10.1.8 After Event Serial No.: Specifies the event that is queried after an Event serial number (inclusive).
- 10.1.9 Before Event Serial No.: Specifies the event that is queried before an Event serial number (inclusive).

Note: Since the Event data obtained from GKServer can be up to 10,000, it will be ignored when the number of Event is exceeded. A large number of Event queries need to use the After Event Serial No. and Before Event Serial No. to limit the Event query of a certain interval, the query result will not be lost.

10.2 Event search result description

↓no	Event Time	Notify	Event-Name	Device ID	Vehicle ID	Driver	Try H	Handle Status	Memo	Fence	Update Time	Download	(CSV)
027509	2019-00-18 22:01:34	undefined	GHO_U	01000095	DIC00099	D1C00099	0 0	menecked	,		2019-00-18 22:03:48		81
027308	2019-06-18 22:03:34	undefined	19	DTC00099	DTC00099	DTC00099	0 1	Inchecked *	ALM1:6		2019-06-18 22:03:35		8
027307	2019-06-18 22:03:25	undefined	752	87002878	提盤-308-3	提儉	2 (Inchecked *	.DVR,ALVL,7-190618140325-1::1::N::85,7B		2019-06-18 22:04:17		8
027306	2019-06-18 22:02:34	undefined	19	DTC00099	DTC00099	DTC00099	0 1	Inchecked *	ALM1:5		2019-06-18 22:02:35		8
027305	2019-06-18 22:01:34	undefined	19	DTC00099	DTC00099	DTC00099	0	Inchocked *	ALM1)		2019-06-18 22:01:35		8
027304	2019-06-18 21:59:34	undefined	GPIO_0	DTC00099	DTC00099	DTC00099	0	Unchecked Checked			2019-06-18 22:01:24		8
027303	2019-06-18 22:00:34	undefined	GPIO_0	DTC00099	DTC00099	DTC00099	0	Ignored Video Save	d		2019-06-18 22:01:24		₿₽
027302	2019-06-18 22:00:01	undefined	751	BT002878	泛盟-308-3	援盟	14 0	Increaked *	.DVRALVL,6-190618140001-1::0::N::85,7E		2019-06-18 22:03:53		8
027301	2019-06-18 21:59:25	undefined	752	8T002878		領盛	3 (Inchecked *	.DVR,ALVL,5-190618135925-1::1::2.0::85,13		2019-06-18 22:00:29		8
027300	2019-06-18 21:58:33	undefined	GPIO_0	DTC00099	DTC00099	DTC00099	0 1	Inchecked *	I can edit some message for this event.		2019-08-14 10:11:11		89
027299	2019-06-18 21:57:33	undefined	GPIO_0	DTC00099	DTC00099	DTC00099	0 1	Inchecked *	1		2019-06-18 21:59:00		89
027298	2019-06-18 21:56:33	undefined	GPIO_0	DTC00099	DTC00099	DTC00099	0	inchecked *	1		2019-06-18 21:59:00		89
027297	2019-06-18 21:58:19	undefined	751	81002878	捷盛-308-3	進盛	5 L	Inchecked *	.DVR,ALVL,4-190618135819-1:0::N:85,7F		2019-06-18 21:59:53		8
027296	2019-06-18	undefined	752	RT002878	维盛-308-3	推惑	1 1	Inchecked *	.DVR.ALVI 3-190618135803-1:1:1.8:85.18		2019-06-18		8

- 10.2.1 No.: No. of the Event.
- 10.2.2 Event Time: The date and time when the event occurred.
- 10.2.3 Notify: The user of the device defines the events by themselves.

Note: For user-defined settings for Notify, please refer to the Event Define Settings of the Settings option.

← → C (0) ∓≈6 →	9 gitiyaaran cam/gitayaryakantex			€ 6 © <mark>8</mark>
= VACRON	Doathboard Breeview Othertes BGPSs	layback (EVideo Playback) (Ellemote Playback) 🕒 Estorical event search 🗐 Inday t event int 🗐	- ot - Scarch	Andmin + (1) 074-05 -
Select search criteria	Search result form		@Langange: Langange_+	
III Group		🗟 Date	Əliyin defialer 1999 - Angels Unit: felometros	
B Device D		III After Date	System Setting	
III Event Type		🗐 liefore Date	User Setting Chaop Setting	
			Device Firmware Update	Search .
			Route Planning Fence	
			Advanced device settings	
			Front define settings	

- 10.2.4 Event Name: Displayed according to the Event Name in the Event Define Settings.
- 10.2.5 Device ID: The unique code of the device(Device ID).
- 10.2.6 Vehicle ID: License plate number (this can set the Vehicle ID on the Device).
- 10.2.7 Driver: Driver name (this can set the Driver Name on the Device).
- 10.2.8 Try: The number of times GKServer failed to download the Event, this Event download is ignored if it fails >=17.
- 10.2.9 Handle Status: This allows the administrator to click on the Event has been processed, to facilitate the management and query of a large number of events, options are: Unchecked, Checked, Ignored, Video Saved.
- 10.2.10 Memo: This allows the administrator to edit the message, click the left button twice to enter the message, to understand the status of each event.

10.2.11 Fence: This is the map fence event function, which will display the position of the Trigger In / Trigger Out.

Note: For the setting of the map fence, please refer to the Fence setting option.

10.2.11.1 If the mouse is moved to the icon with "Thumbtack", you can click the left button to show only the same Event, and filter the unwanted ones. At this time, click the left button on the item X to clear all the condition.

VACR		@Dashboard @Tre	eView @Live	View 🍂GPS Play	back	ack Remote Playback	Historical ev	ent se	earch 📕Today's ev	ent list	ļ• ¢°.+	Search	admin *	© 0 17:07
Select search	criteria	Search result form									_			
↓no	1	Event Time	Notify	Trigger in X	VG700271 ×	Vehicle ID	Driver	Try	Handle Status	Memo	中港交流:×	Update Time	Download	Action (CSV)
1953445	2019-0	8-13 07:51:25	Fence-In	Triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	In:中港交流道	2019-08-13 07:51:25		0
1949301	2019-0	8-12 19:18:52	Fence-In	Triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	In:中港交流道	2019-08-12 19:18:52		•
1947189	2019-0	8-12 08:04:19	Fence-In	Triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	In:中港交流到 平	2019-08-12 08:04:20		0
1152341	2019-0	5-26 07:17:56	Fence-In	Triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	In:中港交流道	2019-06-26 07:17:56		80
1151178	2019-0	5-25 19:27:17	Fence-In	TriggerIn	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	In:中港交流道	2019-06-25 19:27:17		80

- 10.2.12 Update Time: This is the time when the GKServer downloads the Event.
- 10.2.13 Download: This is the event video that GKServer has downloaded. Click ch1, ch2,





10.2.14 Action (CVS): Provide a functional link to the Event.

10.2.14.1 Google Map display, move the mouse to the icon •, it will automatically display the position which event occurred.



10.2.15 GKServer playback, move the mouse to the icon E, click the left button, it will automatically display the playback video and the GPS position of the event.



11. Today's event list

This can only display today's Event status, and you can click on all time periods or events for each hour, each of which is the same as the 10.2 Event search result description.

atal 119	6 Events (Undate A	+2010.08.1	4 14-15-12 +	1900)	aci @yioto.r	ralionics. (Busine	10,110	sytuci. Britto	All a more a many sevencing a more a	Search		0.000
440	tent lime	Notify	I trent hame	Device ID	Vehicle ID	Diver	157	Handle Status	Meno	Fence Update Time	Download	Action (CSV)
957493	2019-08-14 13:15:02	undefined	90	VG000032	Blake-VG01	Blake	10	Unneced*	5D backup(Normal): 1830 seconds	2019-08-14 14:10:04		
957492	2019-08-14 13:20:21	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	5D backup/Normal): 1816 seconds	2019-08-14 13:56:28	(ch1	
1957491	2019-08-14 12:44:19	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked *	5D backup(Normal): 1843 seconds	2019-08-14 13:47:52	ch1	
957490	2019-08-14 12:50:01	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	SD backup(Normal): 1819 seconds	2019-08-14 13:28:40	ch1	
957488	2019-08-14 12:14:07	undefined.	90	VG000032	Blake-VG01	Blake	1	Unchecked *	SD backup(Normal): 1812 seconds	2019-08-14 13:17:16	cht	
1957487	2019-08-14 12:20:00	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	SD backup(Normal): 1801 seconds	2019-08-14 12:59-28	ch1	
957486	2019-08-14 11:43:50	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked*	5D backup(Normal): 1817 seconds	2019-08-14 12:47:04	cht	
957485	2019-08-14 11:49:45	undefined	90	VG500418	VG500418	Thailand-GTS	1	Undecked *	SD backup(Normal): 1815 seconds	2019-08-14 12:29:17	ch1	
957484	2019-08-14 11:12:38	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked*	5D backup[Normal]: 1872 seconds	2019-08-14 12:16:52	ch1	
957483	2019-08-14 11:19:39	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	SD backup(Normal): 1805 seconds	2019-08-14 12:01:40	cht	
1957482	2019-08-14 10:42:27	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked *	SD backup(Normal): 1810 seconds	2019-08-14 11:46:40	ch1	
957481	2019-08-14 11:03:49	undefined	90	VG500418	VG500418	Thailand-GTS	3	Unchecked *	SD backup(Normal): 949 seconds	2019-08-14 11:24:40	cht	
057479	2019-08-14 10:49:31	undefined	90	VG500418	V5500418	Theiland-GTS	1	Unchecked *	5D backup(Normal): 806 seconds	2019-08-14 11:29:04	chi	
957477	2019-08-14 10:11:43	undefined	90	VG000032	Blake-VG01	Blake	1	Unshecked *	SD backup[Normal]: 1844 seconds	2019-08-14 11:15:52	ch1	
1957474	2019-08-14 10:19:06	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchacked *	SD backup(Normal): 1825 seconds	2019-08-14 10:54:16	ch1	
1957473	2019-08-14 09:40:11	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked *	SD backup(Normal): 1892 seconds	2019-08-14 10:46:16	ch1	
957472	2019-08-14 09:48:46	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	SD backup(Normal): 1820 seconds	2019-08-14 10:30:06	ch1	
957471	2019-08-14 09:08:47	undefined	90	VG000032	Blake-VG01	Blake	1	Unchecked *	SD backup(Normal): 1884 seconds	2019-08-14 10:16:03	ch1	
957470	2019-08-14 09:18:33	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unterest *	5D backup(Normal): 1813 seconds	2019-08-14 09:56:39	dit	
957469	2019-08-14 08:38:39	undefined	90	V500032	Blake-VG01	Blake	1	Unchecked *	SD backup(Normal): 1808 seconds	2019-08-14 09:45:27	ch1	
957468	2019-08-14 08:48:19	undefined	90	VG500418	VG500418	Thailand-GTS	1	Unchecked *	5D backup(Normal): 1814 seconds	2019-08-14 09:29:27	(ch1	

12. Mileage search

This can query the total number of kilometers traveled by each device during a certain period of time.

e mîezge		•		Result Download CSV			Historical event search			
Selection		+Device ID	Driver	Vehicle	Mileage	Date	Today's event list			
Velicles	0	TT000001	Morgan	Morgan-VG01	658.931 Km		Mileage search	000001		
DIC to 2010/0/0 Decat	1	ST008738	ST008738	ST008738	140.536 Km		3-51008622		ST008633	
	2	ST008633	ST008633	ST008633	2040.256 Km		4- 5- 510	51005	ST008611	
gust 2019 ◀ ▶	3	ST008622	ST008622	ST008622	9.675 Km		7- <u>STO</u>	57763 \$T007502		
Mo Tu We Th Fr Sa	4	ST008614	ST008614	ST008614	1369.323 Km		s 51007458	sto	07425	
	5	ST008611	ST008611	ST008611	1860.059 Km		12-ST007406 13-ST007222		1001120	
	6	ST008609	ST008609	ST008609	556.188 Km		14- 15- 15- 15- 15- 151007183	16920		
	7	ST007763	ST007763	ST007763	543.509 Km		17- 18-	06479	ST006867	
	8	ST007502	ST007502	ST007502	799.185 Km		19- 51006475 20- 21-		\$1006474	ST006
otember 2019	9	ST007458	ST007458	ST007458	121.884 Km		22-	ST006473		
Mo Tu We Th Fr Sa	10	ST007425	ST007425	ST007425	1444.667 Km		25-ST006109	ST005936		
	11	ST007423	ST007423	ST007423	1554.97 Km		27 - 28 - ST00 <u>07</u>	3	ST004351	
	12	ST007406	ST007406	ST007406	200.743 Km		33- 31- 31- ST00077	0784		
	13	ST007222	ST007222	ST007222	309.34 Km		32- 33-	MT002146 MT002145		
	14	ST007203	ST007203	ST007203	721.577 Km		33 HT006927	1001461		
	15	ST007183	ST007183	ST007183	127.764 Km		37- HT0069 38- HT004 225	13 796		
	16	ST006920	ST006920	ST006920	536.167 Km		40-HT004224 41-HT004215			
	17	ST006867	ST006867	ST006867	1735.009 Km		42- H10037 42-DTC00004 BT003039	19		
mileage Search	18	ST006479	ST006479	ST006479	572.998 Km		45 - 40 - BT0028	8T002960 35		
	19	ST006478	ST006478	ST006478	82.492 Km		47- 48- 8100150	BT002350	81002367	
	20	ST006476	ST006476	ST006476	2655.863 Km		2 200 400 800	800 1,000 1,200 1,400 1	doo 1,000 2,000 2,000 2,400	2,000
	21	ST006474	ST006474	ST006474	2046.834 Km					
	22	ST006473	\$7006472	\$1006472	1071 4 10 100	the second s	-			

Choose the device, start date, end date, then press mileage search, the statistics will appear on the right.

13. Function setting

This can be used to set various functions. All settings need to be logged in to GKServer with admin permission.

F → C ① 不安全 gkvacron.com			Qu 😒 🌐 I
CREAN @Dashboard @TreeView @LiveView @GPS Playback @Video Playback @Remote Playback @Historical event search @Today's event list	¢: -	Search	admin * © \$29:28 *
Image: State of the state I	Co- Standard Language Language Styles default 3 System Setting Group Setting Group Setting Group Setting Face Route Planning Face Route Planning Face Fa	Search Search Update settings Man Settings Bees Bees Bees Bees Bees Bees Bees Be	Andrew C.
ongle			att 公開 BT003039 FUHO-office 〇 川山 Fark DiskError
acconcenter Server Dubuity Max aceroe: 400 expiry date: 2016-12-13 GKServer Server Time: 2019/08/14 18:12:34(+0800)		Drwing 7 Idle	

13.1 Language: Support for three languages setting.



13.2 Style: Darkly, supports a variety of web display styles to choose from.



13.3 Length Unit: Mile, support distance units Mile and Kilometer.



13.4	Click	System Setting	to do the network related setting	S	
	VACRON	BOashboard BTreeView	@UveView 🕼GPS Playback @Video Playback @Remote Playback 🖶 Historical event search 🗐 Today's event list 📑 * 🛠 *	Search	admin * © 025:17 *
			Protocol Network DDNS Cloud GPS Relay Google Key Events Device Redirect SSI Setting Let's Encrypt		
			GPS port (UDP)		
			13579		
			Command port (TCP/UDP)		
			24680		
			Streaming port (TCP/UDP)		
			8900		
			HTTP port (TCP)		
			80		
			HTTPS port (TCP)		
			443		
			U SSL Only		
			Sive		
			The system needs to reboot to apply the new settings		

- 13.4.1 Protocol: GKServer use the external communication port settings.
 - 13.4.1.1 GPS port => Receive Device GPS Data, Default UDP 13579.
 - 13.4.1.2 Command port => The communication between client and GKServer, default is TCP and UDP 24680.
 - 13.4.1.3 Streaming port => The communication of video stream from the device to GKServer, default is TCP/UDP 8900.
 - 13.4.1.4 HTTP port => Web page display function, default is TCP 80.
 - 13.4.1.5 HTTPs port => Encrypted webpage function, in order to use the Talk function, you must use the HTTPs port, default is TCP 443.
 - 13.4.1.6 SSL only => This needs to be changed after using https connection. After ticking it, only https can connect to the GKServer webpage.
 - 13.4.1.6.1 After ticking, you must fill in the SSL key and the certificate on the SSL Setting page.

Note: Any protocols are changed need to click the save button then

Driving 8 Ide 27 OverSpeed 1 Online 35 Office 238 All 273

reboot it **retorn**, after restarting the GKServer then take effect.

13.4.2 Network: let GKServer clearly tell the device the IP address setting to be transmitted. If it is not set, GKServer will obtain the possible Wan IP to use.

VACRON	Dashboard	TreeView	●LiveView	🕼 GPS Playba	ck 🕑Vid	eo Playback	●Remote P	layback 📕Histo	orical event	search 🔳 Today's ev	vent list 📳 🔹	¢° -
			Protocol	Network	DDNS	Cloud	GPS Relay	Google Key	Events	Device Redirect	SSL Setting	Let's Encrypt
			🗷 Enable	Server IP								
			Server IP									
			114.35.9	91.164								
			Save									

Note: When the GKServer is installed in LAN, it is possible for the GKServer to obtain the wrong Wan IP. In this case, it is recommended to specify a clearly external network IP to ensure that the GKServer operates normally.

13.4.3 DDNS: if you do not have a fixed WAN IP, you can let the GKServer use the domain name to connect the WAN Device to the GKServer of LAN. When using the DDNS function, you must cancel the function of using the Server IP.

ADashboard @TreeView @LiveView @GPS Playback @Video Playback @Remote Playback EHistorical event search Elioday's

Hotor Herrork Doros close districtly coogering create herror
Enable DDNS
CCTVDVR ONO-IP My online portal
Server
robert11.cctvdvr.com.tw
User name
robert11
Password
Save

- 13.4.3.1 CCTVDVR: It is DDNS Server of Vacron, you have to get the user ID and password from the related person of Vacron.
- 13.4.3.2 NO-IP: Free DDNS on the internet, you need to apply online.
- 13.4.3.3 My online portal: Free DDNS on the internet, you need to apply online.
- 13.4.4 GPS Relay: Transfer specific GPS Data packet contents to the specified IP in UDP mode.

(Suitable for integrating various server platforms, the defined package format can be integrated for Vacron)

VACRON	Dashboard	B TreeView	@LiveView	段 GPS Playbaci	OVideo Playbac	k	Historical event search	Eloday's event li	st ⊟* ¢\$*
			Protocol	Network	DDNS GPS Re	ay Google Key	Events Device Redirec	t SSL Setting	Let's Encrypt
			■ Enable	gpsRelay					
			IP	_					
			123,456	789.111					
			80						
			Save						

13.4.5 Google Key: GKServer uses Google Map. When it is used in large quantities, it is limited. You must apply and purchase for Google Map API Key from Google. After

 Save
 Save

 to take

 effect.

 VMCREN
 @Outboard @Treview @LiveVew @GPS Reptack @Viete Reptack @Interior Re

13.4.6 Event: When GKServer knows an Event, there are two ways to get an image.

AlzaSyAbSexhyBG7redyEvDWZH4Zow2u6jTXDN4

Protocol Network DDNS GPS Relay Google Key Events Device Redirect SSL Setting Let's Encrypt	
Video download: Disable # Event	
duration (s) 30	
Force event record	
25	

- 13.4.6.1 Video download => When an Event occurs, GKServer will ask the Device to return the number of seconds before and after the Event time (the number of seconds can be set in the duration). If you enter 30, the video will be downloaded for the forward and backward 30 seconds.
- 13.4.6.2 Force event record => When an Event occurs, GKServer will force the Device to continuously transmit the live view for a few seconds (can be set in the force event record durations), and perform remote recording of the server.
- 13.4.7 Device Redirect: You can move the Device to another GKServer. There are several ways to transfer it.

VACRON	Dashboard Dashboard	©LiveView ✿GPS Playback OVideo Playback ORemote Playback 目Historical event search 目Today's event list 目▼ ☆▼ Search	
		Protocol Network DDNS GPS Relay Google Key Events Device Redirect SSL Setting Let's Encrypt	
		prefix, input * for applying to all devices	
		VG00	
		192.168.22.13	
		new_port	
		135/9	

- 13.4.7.1 Enter the first few words of Device ID => Transfer the devices of the same first few words.
- 13.4.7.2 Full ID => Transfer only one device.
- 13.4.7.3 $* \Rightarrow$ Transfer all the devices \circ
- 13.4.7.4 Click save button ^{Swe}, the selected Devices will be notified immediately for Server IP changes.

Note: If the IP Port setting is uncertain, the device will lose its connection.

13.4.8 SSL Setting: Set the SSL certification and private key. This is used for web page encryption. The SSL certification and private key must be purchased. After setting, you need to use https to ensure web page encryption.



Note: The intercom feature must be used with https.

13.4.9 Let's Encrypt: You can apply for Free SSL certification and private keys. GKServer supports the acquisition of the SSL Key for Let's Encrypt and displays the SSL Key expiration date. Detailed applications can be found on the Let's Encrypt website. https://letsencrypt.org/



13.5 User Setting: This can create user accounts with different permissions for remote users to log in GKServer.

arch User	4	User	Group	Permission	Expiry Date	Retention(day)	Update Time	Action	⊕ Language: Language_ >	
X: Trump	0	admin	root	admin			2019-08-12 14:00:29	Ø	🖉 Style: default 🗧	
e	1	wang	wang	normal user			2019-08-15 16:54:23	⊠,×	Plength Unit: kilometre	
er Count: 25	2	ventra	SRD	power user			2019-04-10 08:54:41	⊠,×		
	3	rexhandsome	root	admin			2019-02-21 18:06:13	l⊠'×	System Setting	
	4	normal	SRD	normal user			2019-02-14 10:20:05	⊠*×	User Setting	
	5	minami	minami	power user			2019-03-08 10:32:32	⊠'×	Group Setting	
	6	lobo	matrix	power user	2020-12-30	20	2019-03-11 21:18:56	⊠ ,×		
	7	rex	REX	power user	2030-12-31	365	2019-02-26 10:59:31	⊠'×	Device Firmware Update	
	8	plic	plic	power user			2019-03-22 10:39:01	⊠ *×	Route Planning	
	9	sec	root	admin			2019-05-17 10:00:06	⊠'×	Fence	
	10	jason	jason	power user			2019-05-30 11:31:39	⊠'×	Advanced device settings	
	11	Strategic	TKW04	power user			2019-05-22 16:43:37	⊠'×	Event define settings	
	12	dtc	dtc	power user			2019-05-28 15:40:33	⊠'×	Event Download Plan settings	
	13	test	test	normal user			2019-08-08 10:19:42	l⊠ ×		
	14	chack	chack	power user			2019-06-04 15:11:58	⊠'×		
	15	sovereign	Jason	power user			2019-06-10 08:51:46	⊠'×		
	16	hohsin	hohsin	power user			2019-07-02 08:57:21	⊠ '×		
	17	guest	SRD	guest			2019-07-15 13:29:23	12° ×		
	18	tra	TRA	power user			2019-07-18 15:11:19	⊠,×		
	19	fon	FON	power user			2019-07-19 13:11:40	⊠,×		
	20	VG	VG	normal user			2019-07-23 10:45:17	⊠'×		
	21	EMI	EMI	power user			2019-07-24 11:17:29	⊠'×		
	22	iii	ipcam	guest			2019-08-02 11:58:46	l⊠'×		
	23	fuho	SRD	normal user	2020-02-28	7	2019-07-26 10:01:56	l⊠ ×		
		19 .								

13.5.1 The steps of creating a new account

learch User		User	Group	Permission	Expiry Date	Retention(day)	Update Time	Action	Create New User	
EX: Trump	0	admin	root	admin			2019-08-12 14:00:29	ß		
U C	1	wang	wang	normal user			2019-08-15 16:54:23	S ,×	User	
Jser Count: 25	2	ventra	SRD	power user			2019-04-10 08:54:41	B,×	fuho	
	3	rexhandsome	root	admin			2019-02-21 18:06:13	₿,×		
	4	normal	SRD	normal user			2019-02-14 10:20:05	⊠'×	Password	
	5	minami	minami	power user			2019-03-08 10:32:32	13° ×		
	6	lobo	matrix	power user	2020-12-30	20	2019-03-11 21:18:56	3 ,×	Enter password again	
	7	rex	REX	power user	2030-12-31	365	2019-02-26 10:59:31	13° ×		
	8	plic	plic	power user			2019-03-22 10:39:01	l⊠,×		
	9	sec	root	admin			2019-05-17 10:00:06	13° ×	Permission Select	
	10	jason	jason	power user			2019-05-30 11:31:39	13, ×	Normal User	
	11	Strategic	TKW04	power user			2019-05-22 16:43:37	13, ×	Group Select	
	12	dtc	dtc	power user			2019-05-28 15:40:33	⊠,×		
	13	test	test	normal user			2019-08-08 10:19:42	13° ×	root	
	14	chack	chack	power user			2019-06-04 15:11:58	13° ×	Enter expiry date, ex: 2019-02-28	
	15	sovereign	jason	power user			2019-06-10 08:51:46	13° ×	2020-01-01	
	16	hohsin	hohsin	power user			2019-07-02 08:57:21	13° ×	The second second second	8
	17	guest	SRD	guest			2019-07-15 13:29:23	13° ×	Enter record retention day, ex: 3	
	18	tra	TRA	power user			2019-07-18 15:11:19	⊠,×	2	
	19	fon	FON	power user			2019-07-19 13:11:40	B, ×	Add	
	20	VG	VG	normal user			2019-07-23 10:45:17	13, ×		
	21	EMI	EMI	power user			2019-07-24 11:17:29	13° ×		
	22	iii	ipcam	guest			2019-08-02 11:58:46	⊠,×		
	23	fuho	SRD	normal user	2020-02-28	7	2019-07-26 10:01:56	R,×		

- 13.5.2 Click the button ^{Create New User}, fill in the account information bar below.
- 13.5.3 Enter the name (user) and password (for twice).

13.5.4 Click User Permission (Permission Select). The permissions are divided into the

following four types, O which means support, and X doesn't.

Rights Management								
Permission	System Settings	All Device	Event Edit	Watch Event	Video Playback	Live View		
Admin	0	0	0	0	0	0		
Power User	х	х	0	0	0	0		
Normal User	х	х	х	0	0	0		
Guest	х	X	X	х	х	0		

- 13.5.5 Choose the group account (Group Select) for the user. The account management of GKServer adopts Tree Structure. Each user must have a dedicated group.
- 13.5.6 Enter the account expiration date (Enter expiry date) in the format yyyy-mm-dd.
- 13.5.7 Enter the number of days of record retention required for the Devices under this account.
- 13.5.8 Click an ew account will be created.
- 13.6 Group Setting: The group is used to manage the devices. When creating an account (User), you need to specify which group to use. The user can monitor all the devices under the group.Note: The relationship between User, Group, and Device is as follow



13.6.1 Create a group, enter the group name on the left (Add New Children Node) and press the button "Add" to create a group under root.

Children Node	
mike SRD wang minami robert REX plic matrix autobase TKW04 dtc jason chack hohsin TRA FON VG EMI ipcam test	n
Add New Children Node	
robert	
Add	

13.6.2 Edit the group settings, click on the group name. In the case of robert, the robert group status is displayed, and the device that wants to join the group is selected.

ot / robert				Devices
Children Node	TTO0000T Morgan TTO00015 設現机-1ch 設現機			Devices
robert-son	TT000216 TT000216 T000216 TT000216 Fon-304-2 (Hgt) Fon-304 TT000224 Bible-304 Bible	G	roup2	OT\$000085
Add New Children Node	□ TT000225 Fon-304-1 (怡策) Fon-304 □ TT001020 TT001020 TT001020		rebart-son	
robert-son	■ TT001041 FUHO世現-304 FUHO世現 ■ TT001042 世現-304 世環			
Add	TT001044 TT001044 robert TT001046 Fon-304Demo Fon TT788919 HW-27th MMF			Ovg500418
Edit Group	☐ TT388866 Fon-VG31D //#Jiji Fon ☐ VG000022 VG000022 VG000022			
Rename Node	VG000032 Blake-VG01 Blake Group1			
New Group Name	VG100043 Lobo-VG01 Lobo			
Rename	VG300271 Lobo-TUK43-E31D-1 Lobo VG300271 Lobo-TUK43-E31D-2 Lobo			
Change Parent	 □ VG500153 sovereign-E55-2 sovereign □ VG500222 世動-E57 世動 			 OVG500418
Choose here	● VG500231 second E57-2 second ● VG500233 拍男-E57 赢戮			
Change Parent	VG500235 second-E57-1 second VG500304 Sec-E57 VG500304 VG500304 Sec-E57 VG500304			OTTOODAC
	VG500377 Kall+55 VG500377 VG500382 Jason VG500382 Jason VG500177 VG5004172-55 VG500417			011000015
	VG500418 VG500418 Thailand-GTS			

- 13.6.2.1 Choose the Device ID, it will be added to the Group and displayed on the right as a tree structure.
- 13.6.2.2 You can add another node (new Group2) under this Group1, which is represented by robert-son.
- 13.6.2.3 You can enter Group2 (robert-son) for editing. In this example, two Devices are selected for Group2.

13.7 Device Firmware Update: You can use GKServer to send a command to the device, and download a new firmware from HTTP Server for Online firmware update.

Cashboard @TreeView @LiveView &GPS Playback @Video Playb	sack 🛞 Remote Flayback 🛢 Historical event search 🛢 Today's event list 🛢 🗖	Search Search	🚔 2admin * © 021:04 -
CT00446-Matrix Matrix-304 P799 V116 (2014)(242) 153.133) © 1100449-3100449-3100449 P799 V116 (20140224) 1553.153 P799 V116 (20140224) 1553.153 P797 V1982 (2014024) 1553.054	Select: 1700015 Version: F243 V8044 (2019;03/12 16:44:19) Status: 0 Filmware URL Mag. (2020) 39:134 134/firmware 45 pack	HLanguage: Language_> Dhyle: defailt > PLength Unit: mile > System Setting User Setting	
\$51008596 P709 V116 (2018/08/29 15:31:53)		Group Setting Device Firmware Update Route Planning	
∰ 5100622 P709 V116 (2018/08/29 15:31:53)		Fence	
51009018-51009018 P709 V149 (2019/03/05 10-20-30)		Advanced device settings Event define settings	
		Event Download Plan settings	
<mark>알</mark> 기1000015-訳時-記録-1라 P243 V9044 (2019/08/12 1644:19)			
● 17000216.Fcm-304-Fon-304-2 (指策) ● 7783 V172 (2019/08/02 13:26:16)			
₩T1000224-Blake-Blake-304 P378 V9001 (2017/04/11 89:19:11) UB=2105			
● T1000225-Fen-304-Fon-304-1 (拾銀) P783 V165 (2019/06/11 17:20:21)			
weren convigidevicefirmwareupdate# Max license: 400 expiry date: 2018-12-19	GKServer Server Time: 2019/08/19 09:33:34(+0800)	Driving 7	die 27 OverSpeed Online 24 Office 240 Al 274

13.7.1 Perform a remote firmware update.

Contract Direction Contract Diff Region Dides Physics D	ienere Paylock B-inerial eventstanth Biolog's event for B+ 00* Sauch 🔐 Lobaix * 0 02829 *
● 11008445 Maerox Maeria 304 9708 V116 (2016/06/20 18:01683)	Select Hotoons Weaker Real Violat pointsource reacting firmware version before updating
\$31009449-31009449-31009449 #709 V116 (2010/06/29 15:31:53)	(Press 10) updating percentage
21004-00-Luter Later Calvery 2018 P787 V5485 (2019/04/01 14/3364)	MIL/2012/01/34/34/36/SimmeredStanck firmware download from HTTP Server to Device
#708 V116 (2018/06/20 15:01:03)	Click to Start updating
37009/18-0700018-0700018 9709 V149 (2019/08/05 10.2019)	
11000001 Mongan Mongan VG01 P111 V1102 (2017/03/01 10:16:16)	
Select Device //100015-608-208-1-0 #241-9844 (2015/06/12 16-4-19)	
\$1000416-100-301-100-2(\$68) 9783 Y172 (2019/06/02 13-24(14)	
₩77000324-6846-8846-304 9328 V9001 (2017)06/11 88119:11) U8+2105	
#75000035 Form 100-Firm 200-1 (5円面) #758 V166 (2019)(56/1117)(20.21)	

- 13.7.1.1 Select a device which is Online (if the device doesn't online, the firmware cannot be updated).
- 13.7.1.2 Will display the firmware version before it updated.
- 13.7.1.3 Fill in the HTTP URL path of the new firmware. You can usually use the Windows computer to open the Windows HTTP Server function, or download the free HTTP Server software to execute it, and put the firmware in the local catalog of the HTTP Server.

Note: You can verify the HTTP URL path with the browser first, and confirm that the firmware path can be downloaded.



- 13.7.1.4 Click update to perform the firmware remote update. If the HTTP URL is specified correctly, you will see Status (or the update progress display below, there will be changes).
- 13.7.1.5 When it is updated to 100%, it will wait for the Device to reboot and execute the new firmware. After waiting for 2 minutes, GKServer will update the firmware version and reset the update progress to zero. At this time, the update is complete.

MCRON @Deshtoard @TreeView @UveView @GPS Playback @Video Playb	rack 🛛 Remote Playback 📲 fistorical event search 📲 Tuday's event list 📕 🕈	¢°;∗ Search	admin * © \$29:40
	* Select: 11000015		
\$57008536 P709 V116 (2018/08/29 15:31:53)	Version: P243 V9044 (2019/08/12 1644c19)	1	
₽769 V116 (2018/08/29 15:31:53)	Status: 0]	
\$51009918-5109918-5109918 P709 V149 (2019/03/05 10:20:30)	Enter firmware URL		
#11000001 Mergan Mergan V601 #111 V102 (2017/03/01 10:16:19)		Update	
ਆ 11000015-2282: E989-1ch ₽243 V9044 (2019/08/12 16:44:19)			
TT000216-F0r-304-F0r-304-2 (12) P763 V172 (2019/08/02 13:26:16)			
●TT005224-8lake-8lake-304 P376 V9001 (2017/04/11 09:15:11) UB=2105			
(j) 1000220 Ecn 304 Ecn 314 1 (fr(2)) P763 V165 (2019/06/11 17:20:21)			

영환 TT001012-민정• (년왕-301 9748 V9303 (2018/12/21 18:03:46)			
- 11001046-Fon-Fon-30402emo P709 V168 (2019/07/10 14:37:50)			
●11888811 肥炭 温暖 2ch		Constant of the	

13.8 Route Planning: It can be set that the car must travel according to the path. If there is a violation of the position or sequence of the path, GKServer will generate an event record (Event).



13.8.1 Vehicle driving route setting.

集機測試route ·	▲ 403台灣台中市西區比明南接415號	- 地画 衛星檢視		① ① ① ① ① ① ① ① ① ①
le 🔹	■ 403 台灣台中市西區思明南陸445號	Americano#	□ Style: default >	美村に
表測 論route	2 403台與台中市西區五種西六街32卷16戲	自北部和限行(開業分行) TOYOTA 五線發業所	System Setting	# 医器(台湾)商業銀行 # 別: 形:
	SAVE	聖忠売Starbucks-五 福門市 ● ○ ○ ○ 花説銀行由中分行 二届借葉所 ● ○ ○ 花説銀行台中分行 元富별芬: ● ○ ○ 花説銀行台中分行 元富별芬:	User Setting Group Setting	 一段・ 6月前根鏡 50ptical Shop 50ptical Shop 50ptical Shop
061f99b23f0 世動-魚缸世 1	Address list for every positions.	大 音 神腦細胞 台中3	思明的 Device Firmware Update	當將天空機 又 加了到他。
d6cf4dd7eb3 TaiChung- C(IMX322) TaiChung		帝王會補 回明市田 ¥ Eudora·伊朶 学福の Spa & Retreat 内線一面 0	Route Planning	Patio
20f8dce95b aungHua-IPC aungHua		京用市里20世 元用之世 光用之間 同學小公園店	Advanced device settings Event define settings Event Download Plan settings	E Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszołi Darazuszo Daraz
da4234aff1 TaiChung- TaiChung		(小倉庫従西屯温湖社)~ の (小倉庫従西屯温湖社)~ の 気気(病)のDFOT小倉庫 大志市和知道の 内	五曜点六市25巻 日 MAGNA p Ography	
000258 BT000258 000258		型 Swing Taiwan 職文型間 の の の の の の の の の の の の の	日本市場行 日本市場行 日本市場行	10日日本 10日年
000587 81000587		Weganday Culsine 大忠用店 工業目前	■ 台周期通停重導・台中 五幅三場 影材稿 要本語的店 草美社名	540241 EH
000587		+ ###33302#	1 W 10	

- 13.8.1.1 Select a path rule name, preset to route1, route2, you can change the rule name in the Title.
- 13.8.1.2 Click Enable whether to activate this path rule and choose the suitable devices.
- 13.8.1.3 Click a position on the Google Map, it will automatically link each location, and indicated as A, B, C..... and display the address in the list, you can also delete any location in the list.
- 13.8.1.4 Press **SAVE** then the vehicle travel path limit setting is completed.
- 13.9 Fence: You can draw a circle on Google Map to monitor whether the car has access to this setting range. When there is a car entering and leaving this area, GKServer will generate an event to record.



13.9.1 Steps of setting a fence



- 13.9.1.1 Select a name of the fence, preset to region1, region2....region20, and you can modify at the title.
- 13.9.1.2 Select the condition of the event trigger. Trigger_in represents the car is driven inside the fence. Trigger_out represents the car is driven outside.
- 13.9.1.3 Choose the devices to apply in this fence limit rule.

13.9.1.4 Choose a location on the Google Map, use the left button to press it and pull out, the range of the fence will be displayed. You can click the two icons

above the established fence [n] to move or re-establish, or click the up,

down, left and right expansion points to change the size of the fence.

13.9.1.5 Press the button SAVE, the setting of the fence is completed.

13.10 Advanced device settings: If the car has VCP protocol, you can set the remote device from GKServer.

15000091-15000091-15000091	Device ID	Advanced device settings		⊕ Language: Language_ >		Second Server settings
TS000092-TS000092-TS000092	TT000015			Style: default +		
TS000093-TS000093-TS000093	000093-TS000093 Driver		Daylight Saving T	₽Length Unit: mile >		Second Server:Port
1000001 1000001 4000001	ÉUE	g_sensor_x:	DST Start date/ End d	System Setting		gps.server.com:135
13000094-13000094-13000094	Vehicle ID	128	Selected from 2019-0			Save
IS000095-TS000095-TS000095	FIER, 1ch	g_sensor_y:	August 2010	User Setting	4.6	
TS000096-TS000096-TS000096	ability from	179	August 2019	Group setting	- Dr. So.	
TS000097-TS000097-TS000097	Channel Count	g_sensor_z	20 100 10 100	Device Firmware Update	6 7	
	1	* 384	4 5 6 7	Fence	2 13 14	
15000098-15000098-15000098	fps	Time Zone	18 19 20 21		5 27 28	
TS000099-TS000099-TS000099	7	+8	25 26 27 28	Advanced device settings		
TS000100-TS000100-TS000100	Picture level	Heart Peat Interval Second		Event Download Plan settings		
TT000001-Morgan-Morgan-VG01	SuperGood		el ch1			
▼TT000015-於應·說傳·1ch	bps	Register ServenPort		Save		
TT0000216-TT0000216-TT0000216	96	gk.vacron.com:13579				
TT000216-Fon-304-Fon-304-2 (4599)	Record video	Wifi SSID				
	Record audio	Test-AP				
rTT000224-Blake-Blake-304		Wifi Password				
『TT000225-Fon-304-Fon-304-1 (伯衆)		fubo86244455				
TT001020-TT001020-TT001020						
TT001041-FUHO世璟-FUHO世璟-304						-

13.10.1 Steps of setting the device parameter.

	Device ID		Advanced device settings		Second Server setting
♂TT001042-世現-世現-304	VG000032		-	1	
TT001044-robert-TT001044	Driver			Daylight Saving Time	Second ServenPort
TT001046-Fon-Fon-304Demo	Blake		g_sensor_x:	DST Start date/ End date	gps.server.com:135
▲TT888811-粉₩-搬₩-2ch	Vehicle ID		153	Please select the first day. Reset)	Save
TTP00066 Enn Fran WC21D (#10)	Blake-VG01		g_sensor_y: 153	August 2019 September 2019	
F11222200-F011-F011-VG31D-A220	Channel Count			Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr S	a
VG000022-VG000022-VG000022	Ť	*	410	1 2 3 1 2 3 4 5 6 4 5 6 7 8 9 10 8 9 10 11 12 13	7
>VG000032-Blake-Blake-VG01	fos			11 12 13 14 15 16 17 15 16 17 18 19 20 2	1
₩VG000033	7		Time Zone	18 19 20 21 22 23 24 22 23 24 25 26 27 2 25 26 27 28 29 30 31 29 30	8
VG100043-Lobo-Lobo-VG01	Picture level		+8		
VG100076-minami-minami-VG01	SuperGood	•	Heart Beat Interval Second	MDVR Record	
VG300270-Lobo-Lobo-TUK43-E31D-1	bps		Register Server:Port	Save	
VG300271-Lobo-Lobo-TUK43-E31D-2	96	. *	gk.vacron.com:13579		-
VG500153-sovereign-sovereign-E55-2	Record video		wifi SSID	i i i i i i i i i i i i i i i i i i i	
♥VG500222-世動-世勳-E57	Record audio		dvrsoft		
VG500231-second-second-E57-2			Wifi Password		
₩VG500233-嘉委-柏昇-E57			86244455		

- 13.10.1.1 Choose the device, if it supports the VCP protocol, the current setting value will be displayed on the right, if not, the setting content cannot be displayed. You need to contact related person of Vacron to obtain a new version of firmware which support VCP protocol, then can use this feature.
- 13.10.1.2 G-Sensor: You can fill in the values of X, Y, Z. The appropriate values can accurately detect the rapid changes of the car, such as brake (g_sensor_y), sharp turn (g_sensor_x), and the upper and lower vibrations (g_sensor_z).. etc., adjusting to the appropriate value according to actual needs.

- 13.10.1.3 TimeZone: National time zone value, which is set according to the GMT+/value of each zone.
- 13.10.1.4 Heart Beat interval Second: You can set how many seconds the car will automatically return a GPS Data (without image) to the server side for storage.
- 13.10.1.5 Register Server:Port: This can change the IP and Port for the GKServer connection of the device.Note: If the IP:Port setting is uncertain, the car will lose its connection.
- 13.10.1.6 Wifi SSID and Password: This can change the account SSID and password of WiFi connection.Note: If the SSID and password setting is uncertain, the car will lose its connection
- 13.10.1.7 Daylight Saving Time: Areas that typically use daylight saving time will adjust the time by one hour faster near the beginning of spring and return to normal time in fall, with the start and end dates selected.
- 13.10.1.8 MDVR Record: It sets the channel for the device to record.
- 13.10.1.9 Second Server: Port: This can let the device login two account for the server, mainly used for the user who has GPS Server system first, then install GKServer and also need to obtain the GPS data of the device.
- 13.10.1.10 After doing any changes above need to click the button set values to the device.
- 13.11 Event define settings: This is a variety of Event styles that can be defined by the GKServer administrator to facilitate the identification of different events in each device.

		*	411		Define Name	Event Type	Event Name	Notify Text	Notify Color	Eanguage: Language_ >	Define Name
/G800024	undefined *		ALL C		matrix	501	501	501	#1f77b4	□ Style: default >	Robert Select
bda4234aff1	Robert *		matrix	×	matrix	502	502	502	#ff7f0e	PLength Unit: mile ≥	Looph Trans
1000200	TS_fake =		Robert	×	matrix	503	503	503 :	#204020		Event type
T000258	Robert =				matrix	504	504	504	#beaed4	System Setting	90 undefined
1000417	TT 6 1 -		TS_fake	×	matrix	505	505	505	#666666	User Setting	Event Name
1000417	15_take *				Robert	90	Download	Robert	#1/77b8	Group Setting	Download
1000587	matrix *				TS_fake	1 (AddrChanged)	GPIO-1	Door-Open	#fdbf6f		
T000720	TS_fake *				TS_fake	16 (G_Sensor)	Gsensor	車樹発動劇烈	#cb99e0	Device Firmware Update	Notify Text
1000729	TS_fake =				TS_fake	3 (Offline)	GPIO=3	太后除了	#d62728	Route Planning	Ridont
000744	TS fake *				TS_fake	501	calamp crash	crash	#fdc086	Fence	
000000					TS_fake	502	calamp push button	push	#e377c2	Advanced device settings	
1000003	15_fake *				TS_fake	8 (GPIO_0)	PushButton	緊急接鈕	#b2dt8a	Event define settings	•
1001023	TS_fake =	1			TS_fake	4 (InfoChanged)	键碟填了	繁急	#ffff99	Event Download Plan settings	
T001503	TS_fake *				TS_fake	7	地震	中型可塑	#beaed4	2018-12-06 10:19:56 🛛 🗹 🗙	
T001671	TS_fake *				TS_fake	2 (Reboot)	按证	建新5万	#2ca02c	2018-12-06 14:59:32 🕑 🗙	
001816	TS false T				TS_fake	51 (Trigger in)	Triggerin	Fence-In	##7100	2019-02-19 14:32:31 🗹 🗙	167784 81 119 180
001010	1.0.1000				TS_fake	52 (Trigger out)	TriggerDut	Fence-Out	#ff7f00	2019-02-19 14:32:50 🗹 🗙	Hex R G B
1001010	TS_take =										
T001819	TS_fake *										
001820	TS_fake =										
001822	TS_take =										
001902	TS_fake =										Save

13.11.1 The relationship of Device, Event Group, and Event Definition are as follows.



- 13.11.1.1 Create a Define Name (Event Group), enter a new name in the Define Name field of the Event Definition or click select to select the created Event Group. If the Event Group does not exist, it will be automatically created after pressing see.
- 13.11.1.2 Click on the Event Type (Event ID) or enter a number. If GKServer has a defined ID, it will be displayed directly on the right. If there is no definition, it will display undefined, but there are many functions that are not defined. If you have special requirements, please contact the related person of Vacron, such as Event Type = 90, refers to downloading all videos of the device. Event Type



- 13.11.1.3 The Event Name is used to describe the purpose of it.
- 13.11.1.4 Notify Text and Notify Color are used to define the color and name of the Event when the notification event is defined. It is convenient for the administrator to classify and sort. When the Notify Text and the Notify Color are defined, the Notify field will be displayed when the Event is queried. Color and description, if undefined, display undefined.

Select searc	conteria Search result	-											
440	Event Tane	Notify	Event Name	Device ID	Wehide ID	Driver	37	Handle Status	Memo	Fania	Update Tane	Downinad	Action (CSV)
1953530	2019-08-13 08:12:35	Fence-In	Diggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	10期间接公司(副化)	2019-08-13 08:12:35		0
1953497	2019-08-13 08:03:44	Fence-In	Triggerin	VG700271	Rex-VG07(5788-ER)	Revy	0	Unchecked *	1	In金幣發碼	2019-08-13 08:03:44		0
1953484	2019-08-13 08:00:22	Fence-in.	Triggerin	VG700271	Rex-VG07(5788-ER)	Rasy	0	Unchecked *	1	iv:大肚橘	2019-08-13 08:00:23		0
1953476	2019-08-13 07:58:05	Fence-In.	triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Unchecked *	1	IN王田党党擅	2019-08-13 07:58:05		•
1953459	2019-08-13 07:54:00	Fence-In:	Triggerin	VG700271	Res-VG07(5788-ER)	Rexy	0	Unchecked *	1	10五棵交流通	2019-08-13 07:54:00		•
1953447	2019-08-13 07:51:45	Fence-In-	Triggerin	VG700271	Rex-VG07(5788-ER)	Resy	Ó	Unchecked *	1	intHwy 1 & Rt 12 Intersection	2019-08-13 07:51:45		•
1953445	2019-08-13 07:51:25	Fence-les	Triggerin	VG700271	Rex-VG07(5788-ER)	Rexy	0	Undecked *	1	10.中港交遊園	2019-08-13 07:51:25		•
		-		Lord Street Street	a listanishes per	-				1			

- 13.11.1.5 Click $\blacksquare \times$ to edit or delete the event.
- 13.11.1.6 Click swe to save the definition settings of the Event.
- 13.11.1.7 The Device ID on the left specifies that the device uses which Event Group.The device will record the various events according to each Event Type defined in the Event Group.

BT000258	Robert -						
BT000417	Set undefine						
BT000587	matrix						
BT000720	Robert						
	TS_fake						
BT000729	IS_TORC						

13.12 Event Download Plan settings: This can set whether the automatic download of the video file is performed when the Event of the device is occured.

device @ By group	Device ID	Event Code	Event Type	Download Mode	Down	load Ch	annel: 1-i	8	Pre Sec	Post Sec	@ Language: Language_ +	n	Mode Update
ot	VG500418	0	Online	Download *	R 0	8 6		0 0	30	30	C Style: default +		Set GLOBAL
e	VG500418	90	undefined	Download +	R 0	8 6		0.0	30	30	🛩 Longth Unit: mile 🕨		For single device
													VG500418
											system setting		For a group
9											User Setting		robert
and											Group Setting		
											Device Firmware Update		Event Type
art											Route Planning		90 unde
											Fence		Download Mode:
											Advanced device setting	2	Hidden
											Event define settings		Download Not Download
trix												ttings	Select wanna download channe
obase													R ch1 D ch2 D ch3 D ch4
/04													🗏 ch6 🗏 ch7 🗏 ch8
													₩ Assign pre recording second
n													30
k													M Assign post recording secon
in													30
													Save

13.12.1 Setting of the Event Download Plan settings.



- 13.12.1.1 Select one of the Mode Update
 - 13.12.1.1.1 Set GLOBAL: All the devices set the Download condition together.
 - 13.12.1.1.2 For single device: Set the Download condition for single device.
 - 13.12.1.1.3 For a group: Set the Download condition of all devices in the Device Group.

- 13.12.1.2 Select an Event Type (Event ID) or enter a number to download the Event. If there is a definition, it will be displayed on the right. If there is no definition, it will be displayed as undifined.
- 13.12.1.3 Download Mode: You can choose download (Download) or not download (Not Download), if select not download and it won't be display (Hidden) when Event occurs, Hidden means that event doesn't do any processing on the server.
- 13.12.1.4 Select wanna download channels: Select the channel to download the video, please check the channels supported by the car.
- 13.12.1.5 Assign pre recording second: Set the video download a few seconds before the Event trigger.
- 13.12.1.6 Assign post recording second: Set the video download a few seconds after the Event trigger.
 - Note: The length of an Event video is at least a few seconds before and after the event. If Assign pre recording second = 60, Assign post recording second = 60, the downloaded video length is about 120 seconds.
- 13.12.1.7 Click we to save the settings of Event Download.
- 13.12.1.8 Click on either By device (show all the devices) or By Group (show all the device groups) to list the relevant Event Download settings.

End Of GK-Server Web Pag User Manual