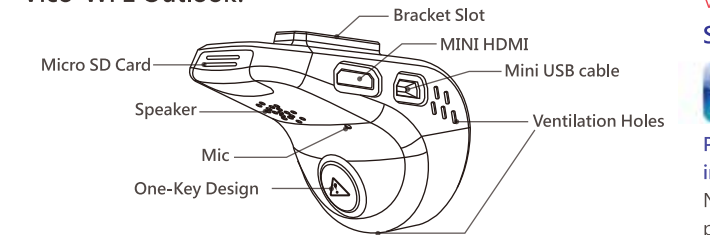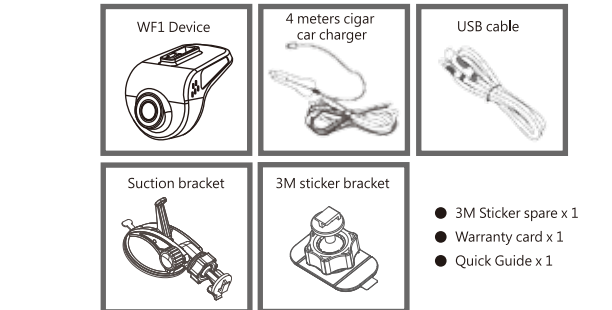## Vico-WF1 Smart Wi-Fi Full HD Car Camcorder Quick Guide

Thanks for choosing Vico-WF1. Please read this quick guide in details in order to operate the device properly.

Vico-WF1 Outlook:

- Bracket Slot
- MINI HDMI
- Micro SD Card
- Mini USB cable
- Speaker
- Ventilation Holes
- Mic
- One-Key Design

Vico-WF1 standard accessories：

- WF1 Device
- 4 meters cigar charger
- USB cable
- Suction bracket
- 3M sticker bracket

● 3M Sticker spare x 1
● Warranty card x 1
● Quick Guide x 1

📱 For iOS users

For Apple iPhone users, please make sure your iOS had already upgraded to 5.0 or above. The iOS version info can be found in " Setting "→" General" → "About".
VicoViewer App is only compatible with iOS 5.0 or above.

Step1, download VicoViewer App

Please search for VicoViewer in App Store, you may download and install for free.

Notice：When using 3G connection to download APP, telecom service provider might charge some extra fee. Please be aware of this. Or you may download it in Wi-Fi environment.

Step2, Insert Micro SDHC and power up Vico-WF1

Before power up the device, please insert Micro SDHC in advance. After bootup, system loading will be informed by voice notification, and Vico-WF1 will enter into recording mode automatically.

Be aware of the direction of the Micro SD card data pins. (contact pins side up)
Please apply Micro SDHC Class10, 8GB minimum.

Step3, Connect Wi-Fi

After Vico-WF1 entering into recording mode, Wi-Fi module will be activated and reachable after 20 seconds.
Select iPhone "Setting" to turn on Wi-Fi, and then select "Vico-WF1" AP for connection.

Notice：
1.) The distance of Vico-WF1 Wi-Fi antenna signal will be reachable only within 2~3 meters.
2.) Vico-WF1 supports maximum two smartphones connecting in the same time.

Step 4, Turn on VicoViewer App for operation.

🤖 For Andriod users

Please make sure your Android version had already upgraded to 4.0 (Ice Cream Sandwich) or above. The version info can be found in " setting" → " about" → "SW info.
VicoViewer App is only compatible with Andriod 4.0 (Ice Cream Sanwich) or above.

Step1, Download VicoViewer App

Please search for VicoViewer in Google Play, you may download and install for free.

Notice：When using 3G connection to download APP, telecom service provider might charge some extra fee. Please be aware of this. Or you may download it in Wi-Fi environment.

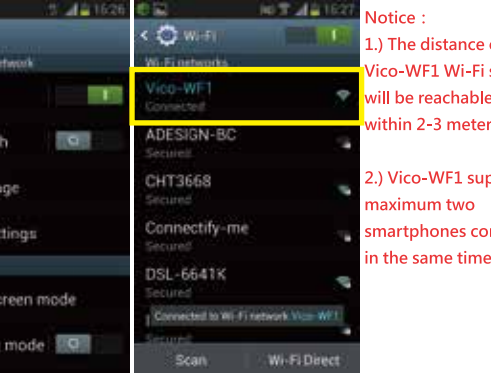#### Step2, Insert Micro SDHC and power up Vico-WF1

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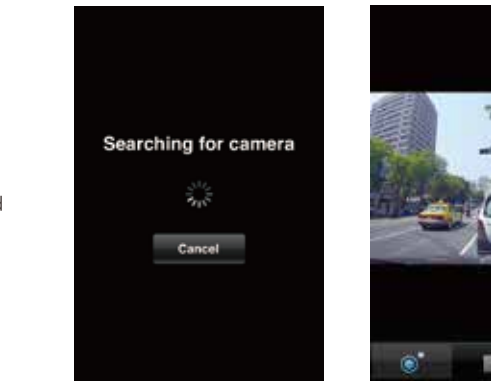
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VicoViewer App features

VicoViewer App features：
★Live Streaming Preview on Smartphone:

Click the left icon for live preview, and you may adjust Vico-WF1 shooting angle.

VicoViewer App supports image rotation while you flip your smartphone.

Notice：
The streaming image resolution is QVGA 320x 240 only in live preview mode.

It is NOT the same quality with recording footages in Micro SDHC. The recording
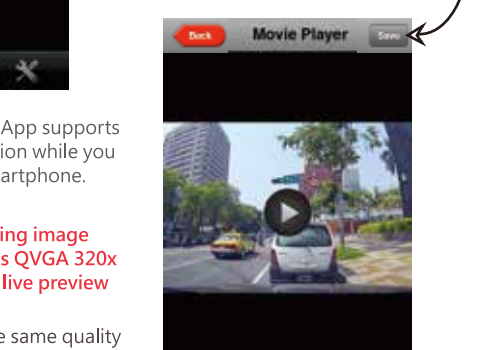
★Playback & Archive on Smartphone

Click the middle icon for video footages playback & archive function. Select video clips for instant playback or download into your mobile phone storage.
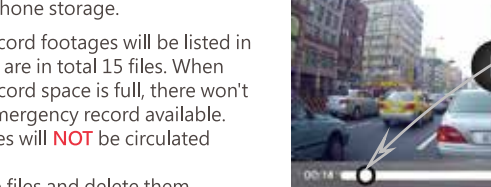
Emergency record footages will be listed in the top. There are in total 15 files. When emergency record space is full, there won't be any new emergency record available. Emergency files will NOT be circulated automatically.

Please backup files and delete them manually to release space.

you may click "Save" key while playback for archiving video into your smartphone.

After clicking "save" icon, the App will indicate the status of download progress.

★Download and share files to Facebook/Youtube

You may have bar rolling for forward and backward viewing.

Showing uploading status.

The archived video footages (downloaded to your smartphone) can be shared to Facebook or Youtube via clicking the icons on the top right.
Notice: To upload videos, please disable the connection between Vico-WF1 and your smartphone firstly, and retain 3G or Wi-Fi connection for outgoing service.
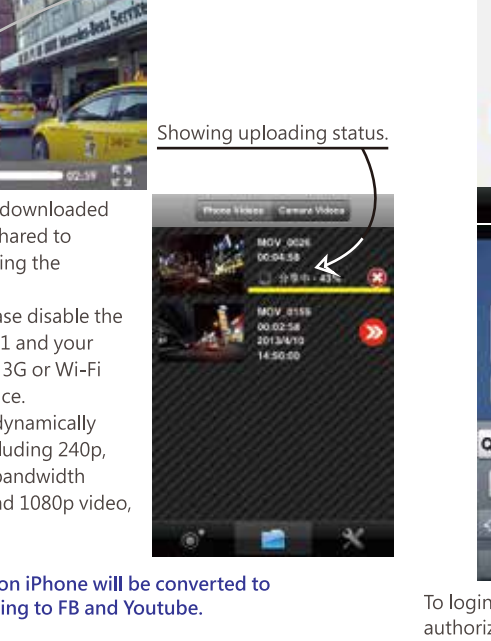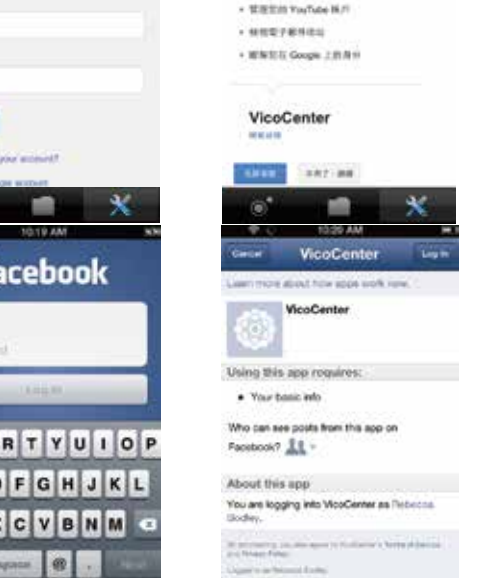Uploading resolution will be dynamically changed into smaller size, including 240p, and 360p only due to uplink bandwidth control. If you'd like to upload 1080p video, please upload via your PC.

In order to speed up, videos on iPhone will be converted to 560x320 @ 30FPS for uploading to FB and Youtube.

But, Videos on Android smartphone will be uploaded under original full size due to difference on smartphone HW/SW Version.

To login for the first time, please enter the username and password and authorize VicoCenter to access your basic info of social network.
VicoCenter plugin manages to share videos from VicoViewer APP to Facebook/Youtube
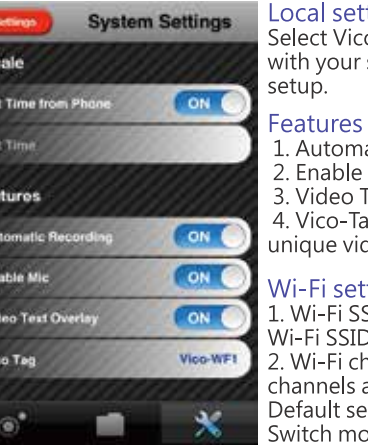
Click the right icon for Setting Menu:
●Camera settings
●System settings
●G-sensor settings
●Alert Email settings
●LDWS setting
●System information

Resolution：
1080p 30fps (Default) / 720p 60fps /720p 30fps

EV Value：
+1 / +0.5 / 0 (Default) / -0.5 / -1

Special Notice:
Emergency Recording includes 15 sets only. Emergency videos locate in individual EMERG folder separately. It will NOT over-write recycling automatically. Voice Notification will inform "Emergency Recording Full" for reminding.
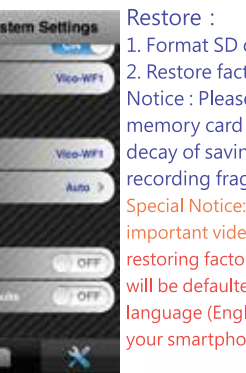Please backup and remove it on PC when it's full.

Local settings：
Select Vico-WF1 system time sync. with your smartphone or manually setup.

Features：
1. Automatic Recording: ON/OFF.
2. Enable Mic: ON/OFF
3. Video Text Overlay: ON/OFF
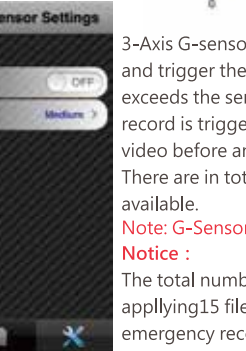4. Vico-Tag: customize 8 digits as unique video tag on footages.

Wi-Fi settings：
1. Wi-Fi SSID: Vico-WF1 (default).
2. Wi-Fi SSID is changeable.
2. Wi-Fi channel: There are 11 channels available (802.11n). Default setting is under Auto Switch mode.

Restore：
1. Format SD card.
2. Restore factory defaults.
Notice：Please regularly format your SDHC memory card once a month, to avoid the decay of saving efficiency due to circular recording fragmentation.
Special Notice: Don't forget to backup important video data before your format. After restoring factory default, the voice notification will be defaulted in English. The voice notification language (English/Chinese) will be sync. upon your smartphone setup while App connection.

Notice 1：If you apply Vico-WF1 in indoor environment, other Wi-Fi devices might interfere Vico-WF1 when it's too close to them. Wi-Fi channel might change to reduce interference. In-car usage can apply default setting (auto switch).
Notice 2：Frequency of Wi-Fi 802.11n is difference from GPS navigator antenna. There won't be any interference. Vico-WF1 applies international CE/FCC certifications and NCC certificates.
Notice 3：Wi-Fi relevant settings will be activated in one minute after setting changed and saved. The relevant settings include SSID, Wi-Fi Channel, AP mode, and alert email notice. The rest settings will be applied immediately after change.

3-Axis G-sensor detects the impact of the crash and trigger the emergency record if the impact exceeds the sensitivity level.When emergency record is triggered, Vico-WF1 will pack 30 sec. video before and after the trigger moment. There are in total 15 sets Emergency videos available.
Note: G-Sensor default is OFF.
Notice：
The total number of emergency files is 15. After applying15 files, there will be no further emergency recording available. Please backup and delete data manually to release space.

Alert Email will be forwarded to the designated email address through hotspot AP of your smartphone when manual emergency or g-sensor emergency events triggered. The default setting is OFF.
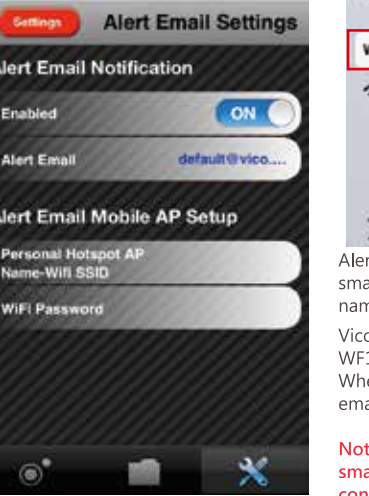
Hotspot AP name – Wi-Fi SSID: enter Wi-Fi SSID of your Smart phone.
Wi-Fi password: enter the password of your Smartphone Hotspot AP.

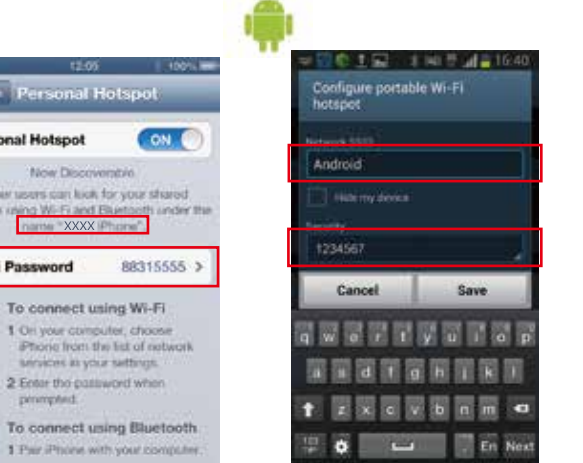★ **Special Notification before Alert Email Function Activate:**

The activation of alert email will turn Vico-WF1 into Client/Slave mode. Vico-WF1 will apply your smartphone as Server/Master AP to forward alert email. Upon activation, Vico-WF1 will reboot and enter into Client/Slave mode.

When applying this feature, Vico-WF1 is NOT accessible through original way. You have to turn on your smartphone hotspot function firstly, and WAIT for Vico-WF1 initiative connection to your smartphone. And then turn on the VicoViewer APP for operation. The smartphone hotspot should stay open when this feature is on for connection.
If there's any setting problem during the setup of this feature, press the emergency button for 8 seconds to restore factory default to make Vico-WF1 return to Server/Master mode.
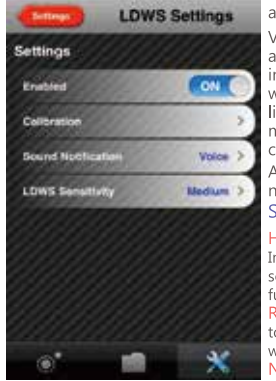
Alert Email will be forwarded via your smartphone as Server/Master AP. The smart phone should support and open hotspot function. Filling in the Hotspot name (SSID)/password of your smartphone into VicoViewer setting for accessing.

Vico-WF1 must reboot once after activation this function. After reboot, Vico-WF1 becomes Client/Slave mode and will search for hotspot automatically. When emergency record happens, Vico-WF1 will forward email to designated email address via smart phone initiatively.

Notice: Vico-WF1 will NOT show Vico-WF1 AP in Wifi setting of your smartphone after entering Client/Slave mode. Please wait for the initiative connection from Vico-WF1 to your smartphone hotspot, and then start App for operation.
Press the emergency button for 8 seconds to restore factory default if anything goes wrong, like mistyping SSID/Password info, or unreachable accessing.

Press the emergency button for 8 seconds to restore factory default if anything goes wrong, like mistyping SSID/Password info, or unreachable accessing.
Vico-WF1has to be calibrated before LDWS activation. Please make sure your WF1 had correctly installed and firmly fixed on bracket attaching on windshield. Press calibration in APP, there are two lines showing on image. Alining two parallel lines to meet horizon line of the road and the top of your car hood on image.
Audio Notification Option：Select to apply voice notification or alert beep tone for noticing.
Sensitivity:There are 3 levels of sensitivity.
Hotkey to switch on/off LDWS：
In recording mode, press Emergency button for 2 seconds and release to activate/deactivate LDWS function.
Recommendation: You may disable LDWS during in-town driving and activate it while driving in high speed way.
Notice: If the viewing of the device moves, please calibrate LDWS again.

Notice：
In low light environment, LDWS might not function precisely. This is the limitation.

Please adjust the two parallel lines. Green one meets horizon and red one meets car hood.

The APP version info displays on this page.
Setup Facebook account for APP uploading/sharing the archived videos in your Smartphone storage to Facebook.
Setup Youtube account for APP uploading/sharing the archived videos in your Smartphone storage to Youtube.
Camera Status displays the FW version/model name, and SD card status.

Vico-WF1 has built-in voice notifications. The default is English. Vico-WF1 detects your smart phone language and auto-switch into related languages voice (Only English/Russian/Chinese)

English Voice Notification	Notice
1	Starting recording notice
2	Starting record notice
3	Emergency Record activated	Triggered by g-sensor and Manual Triggered
4	Restore default notice
5	Smartphone App connection notice
6	App disconnection notice
7	LDWS Lane Departure Warning Disabled	Press Emergency button for 2 second and release to switch
8	LDWS Lane Departure Warning Enabled	Press Emergency button for 2 second and release to switch
9	Warning! Lane departure	LDWS notice
10	Reset to Factory Default	Press Emergency button for 8 secs and release for reset
11	Operation temperature is too high, entering power-saving mode for protection when too high temperature	Device enter saving mode for protection when too high temperature
12	Operation temperature restored and entering recording mode
13	Memory card error, recording disabled	No SD card in device, or problematic SD card, pls double check your SD card on PC
14	Emergency Recording Full	Emergency file are full, pls remove it manually to free the space

Vico-WF1 applies H.264 compression; the file format is .mp4. Microsoft Windows built-in media players might not support H.264 decoding.
It might cause no image or latency of video/audio streaming.
Some other professional video players are highly recommended.，

1080p (1920x1080) 30fps real-time videos require higher spec. of graphic cards, flash memory, and CPU. If you already installed professional video player while the display is not smooth, it might be due to PC hardware performance.

Notice：
The transparency of windshield might affects recording performance.
For dark windshield film, the video might show more noises or be blurry. Please adjust the EV value to reach the best video performance, and clean your windshield regularly.

Resolution and recording time table:

Resolution	Memory Size		
	8GB	16GB	32GB
1080p / 30fps	100 mins	220 mins	450 mins
720p / 30fps	180 mins	375 mins	775 mins
720p / 60fps	140 mins	300 mins	620 mins