



Vispect Intelligent Technology Co., Ltd

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# Vispect V1 ADAS User Manual



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## DATA SECURITY

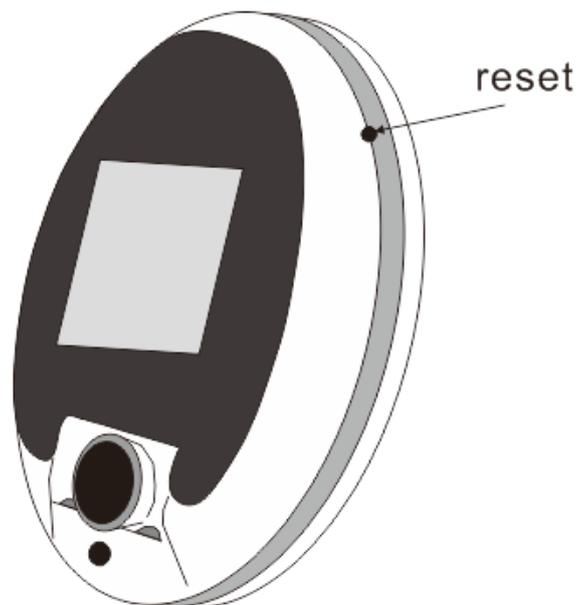
Your main unit has Bluetooth and Wi-Fi. To protect your privacy, please change the default Bluetooth and Wi-Fi names and passwords immediately.

- Default Bluetooth (device) name: VISPECT\_ADAS\_V1
- Default password: 6666
- Default Wi-Fi name: VISPECT\_ADAS\_V1
- Default password: 12345678

To change the names and passwords:

- Open the VISPECT app on your smart phone.
- On the “Driving” page, tap the “Link” button.
- Choose your device, App will automatically build a link with your device if the Bluetooth ID or password has not been changed. Then please tap “Me” → “Settings” → “Parameter Settings” → “Device Settings” for modification.
- If your device’s Bluetooth ID or password has been changed, you need to enter the password when you want to link with your device.

### Restore default settings



If you forget your new password, please use a needle to press the “Reset” button, which is the hole on the side of the main unit, for one second. The names and passwords of the device and Wi-Fi will be restored to the default settings.



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## SHARE WITH FRIENDS

- To allow your friends to use your ADAS system:  
Please tell your friends your main unit’s Bluetooth and Wi-Fi names and passwords. Android phone users will be asked to only input the Bluetooth password, while iPhone users need to input passwords of both Bluetooth and Wi-Fi.
- After the main unit has been connected with a user’s smart phone, the main unit will “hide” itself. Other users will not be able to locate the main unit by searching for nearby Bluetooth names until the current connection is stopped.

## START/STOP

- The main unit automatically starts after the car engineer starts and automatically stops after the car key is pulled out.
- Usually, the main unit needs about 10 seconds to start. During first use or when restarting after a long time, it may need about 40 seconds to start. After the car key is pulled, the main unit needs about five seconds to stop. During these five seconds, it is powered by its small internal re-chargeable battery.

## CHECK THE STATUS

When the main unit is powered, the buzzer will beep three times and then display the progress bar. Meanwhile, the indicator of the main unit will light up for one second. When the system completes its startup, the progress bar on the buzzer screen changes into another image.

For other states, the indicator lights and sounds are as follow:

	Main unit light	Buzzer screen	Buzzer beeps	OBD box light
Power up	1 second		3 beeps	2 seconds



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Main unit starting		Progress bar		
Main unit started	Flashing	Other image		Blinking: It is connected with the car's system
Error	Blinking			Flashing: It cannot connect with the car's system

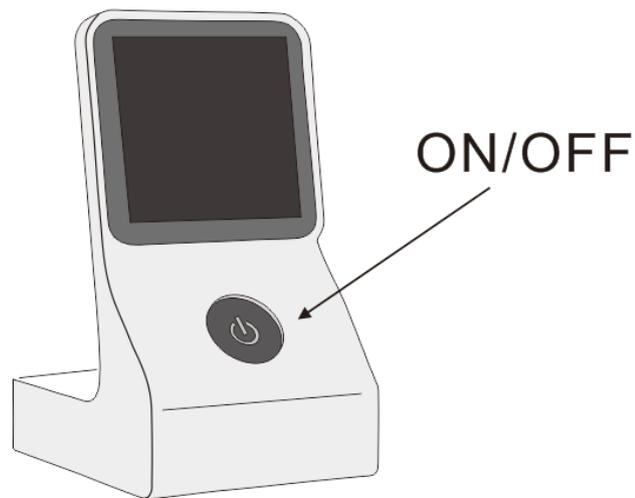
## ALARM

	Main Unit	Buzzer screen	Buzzer beeps	Default Settings
Lane Departure Warning		red lane	4 beeps with different tones for right and left lanes	Vehicle speed over 40km/h to launch
Vehicle Distance Detection Warning		yellow car	1 short mild beep	Vehicle speed over 40km/h to launch
Forward Collision Warning		red car	1 long sharp beep	Vehicle speed over 40km/h to launch
Forward Pedestrian Reminder		yellow pedestrian	4 short sharp beeps with changing tones	Vehicle speed less than 60km/h to launch
Forward Pedestrian Warning		red pedestrian	4 short sharp beeps with changing tones	Vehicle speed less than 60km/h to launch
Virtual Bumpers Reminder		yellow car	1 short mild beep	Driving in lower speed or skid forward to launch
Virtual Bumpers Warning		red car	1 long sharp beep	Driving in lower speed or skid forward to launch



## TURN ALARM ON/OFF

Press the button located on the buzzer to turn on and off the beeping sounds of the alarm when driving.



## CAR DVR FUNCTION

Users can download and check the driving video through cellphone. Download without phone traffic. Please use as follows:

- Open the App. Tap "Me" → "Driving Video"
- Choose the video that you want to watch to download, and then you can watch it on your phone.

## SAFETY

When potential dangers are detected while driving, the buzzer or the app will sound an alarm, so the drivers do not (and should not) look at the buzzer or their smart phone app. Drivers should always keep their eyes on the road.



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## FAQS

**1. Q:** Sometimes, the alarm does not go off on my system, and sometimes, a false alarm is sounded.

**A:** The environment greatly influences the performance of this system. Under standard working environments with full and proper light, the system has a higher recognition rate of potential dangers. Under weak light or adverse environments, the recognition rate may become apparently lower. In addition, crowd and unregulated traffic and roads will impact the recognition rate.

**2. Q:** Even with full and proper light, my Forward Collision Warning function is not accurate. What should I do?

**A:** This may be caused by the main unit. Here are four possible reasons:

- the main unit is not installed horizontally, or
- the main unit was not properly calibrated, or
- the size of the car, deviation, depth, or main unit or height was wrong, or
- the main unit was installed too far from the centerline of the windshield. It should be within  $\pm 5$  cm ( $\pm 50$  mm).

Please check. Usually, the main unit does not have to be removed from the windshield. Instead, you just need to re-adjust the angle of the lens or re-input the values of the vehicle size by following the "CALIBRATION" section. However, if this does not work, you have to remove the main unit from the windshield, and redo the whole calibration process. Please remember to park your vehicle on a LEVEL road before starting.

**3. Q:** My Lane Departure Warning has many false alarms. What is the reason?

**A:** If both the right and left departure warning do not work well, you might have made a mistake when calibrating. Please check. Usually, the main unit does not have to be removed from the windshield. Instead, you just need to re-adjust the angle of the lens or re-input the values of the vehicle size by following the "CALIBRATION" section. However, if this does not work, then you have to remove the main unit from the windshield and redo the whole calibration process. Please remember to park your vehicle on a LEVEL road before starting.

If only the departure warning of one side does not work well, you might have inputted the wrong "width" or the wrong "deviation" value. Please notice that when inputting the "deviation" value, you should record a negative value for right deviations and a positive value for left deviations.



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**4. Q:** My system was working fine, but suddenly a lot of false alarms and missed alarms are now occurring. What happened?

**A:** This happens if the lens on the main unit has been moved by bumps or hands in the vehicle. When the angle of the lens changes, the main unit cannot recognize the vehicles and the lanes properly. You just need to re-adjust the angle of the lens by following the “CALIBRATION” section.

**5. Q:** My system is too sensitive or too dull.

**A:** You can change the sensitivity. On the “My Device” page, enter “Set and upgrade” – “Sensitivity” to change the sensitivity.

**6. Q:** I do not want the system to work all the time. Instead, I just want it when I am driving faster.

**A:** You can set this by setting the “Starting speed”. The main unit will begin to detect the potential dangers above and below this speed. On the “My Device” page, enter “Set and upgrade” – “Starting speed” to change this.