



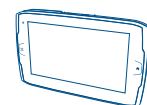
User Manual

OWNER MANUAL

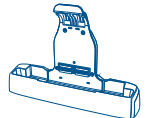


Components

• IVSS001 MAIN SET



• DASH MOUNT



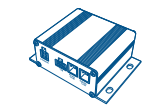
• SUCTION CUP (Option)



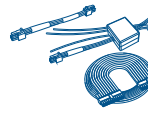
• TELEMATICS (Option)



• POWER BOX



• CABLE ASS'Y



• ACCESSORY ASS'Y

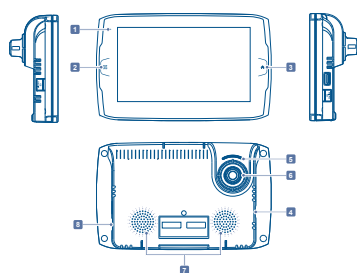


Option Upgrades

- TPMS Sensors Kit (Available as Passenger Car Kit and Heavy Vehicle Kit)
- Heavy Duty Rear Camera
- Telematics (Please refer to the telematics user guide for further details)

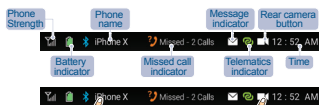
2

Description of parts



- 1 MIC
- 2 SOS
- 3 Home Button (Main Menu)
- 4 Micro SD slot (Video Recording)
- 5 Security LED
- 6 Front camera
- 7 Speaker
- 8 Micro SD slot (Snapshot)

Bluetooth Notification Icons



- Press Bluetooth sign on the upper status bar to go to B/T Call directly.
- Press Rear camera sign on the upper status bar to go to Rear view camera mode directly.

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Safety warning - Product

- Do not stare at the screen while driving. Pay attention to pedestrians and traffic conditions.
- Refrain from operating the unit while driving.
- Keep water or foreign substance from getting into the unit. It can cause malfunction of the unit, smoke or ignition.
- Using sharp objects can damage the touch panel.
- When you clean the product, turn off the power. Use with a soft, wet-dry cloth. Hard cloth, chemical mop or organic solvents (alcohols, benzene, thinner, etc.) may damage the surface of the panel.
- Do not disassemble the product or give a shock to it. Product malfunction or damage may occur. If the product is disassembled, the product is not covered under warranty.
- Use only in the range of rated voltage of the product. Explosion, fire or failure might occur.
- Do not touch the power cable with wet hands when unplugging or inserting it. Risk of electric shock.
- Please plug the power cable to the end to prevent flexing. If the contact is unstable, it can cause poor recording.
- Do not use power cable if damaged. This can cause fire and electric shock.
- Operating the unit at below -10°C or above 60°C may cause malfunction or failure.
- Be careful that the product is not directly exposed to the sunlight or strong light. Lens or internal circuit may fail.
- Be careful not to park outdoors for a long time in summer. If you park outdoors, open the window or turn on the air conditioning to lower the internal temperature. At high temperatures, the product can stop functioning.
- Product is subject to change for performance improvement without notice.

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Safety warning - Drive cam

- If the product is booting or if the recording list is being checked or a video played, the video will not be saved. So, wait until the boot is completed and do not play the recorded video while driving.
- Performance of the product can be degraded depending on the vehicle manufacturer, type, and conditions (like window tinting concentration, headlight type and lighting angle, etc.).
- Parking mode only supports recording by impact detection, and parking mode maintenance time may vary depending on the charging status of the vehicle battery.
- If there are foreign objects in the environment or on lens, recording performance may be degraded.

Memory card precautions

- Regular memory format is required to prevent memory errors and store recorded images safely.
- Please make sure to use the genuine memory card (micro SD) provided by our company. If you use other memory cards, compatibility and normal operation of the memory card are not under warranty.
- Memory cards are consumables with limited period of usage. If you have a faulty card after the warranty period, please purchase a memory card.
- If it is out of memory card capacity during recording, the unit deletes old image to secure space. To avoid loss of data, please keep important images in a separate storage device.
- To insert memory card, be careful about the direction of the card. If the direction is incorrect, memory card slot or memory card may be damaged.

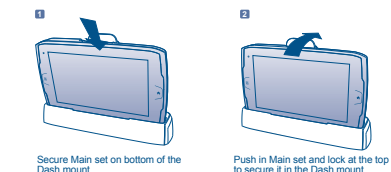
Disclaimer

- Images recorded in this product are not legally binding and our company is not liable for any legal disputes or damages that may result from video recording or non-recording, etc.
- Please note that this product is an auxiliary device to record the driving. You can check the recorded accident scene and driving as a reference. Depending on the conditions, an accident may not be recorded correctly when it is accompanied by a slight shock that may not be detected by the shock sensor or a strong shock that can cause a battery error voltage.
- Screen Mirroring is not supported on all devices.
- Screen Mirroring settings on your smart device may differ and are subject to change based on software version. Please check your device manual.
- Tyre pressure and temperature are subject to environmental and on-road condition. Sensors transmission can be affected by other external devices. It is designed to help the driver to monitor tyre irregularities. Each time tyre position is changed, the sensors must be changed as well.

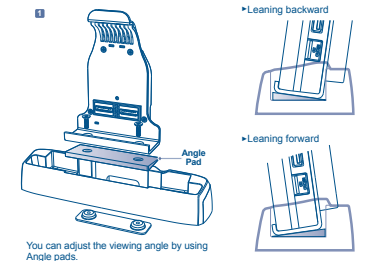
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Installation

• Installing the IVSS001 unit on the dashboard



• Adjust the angle of the unit

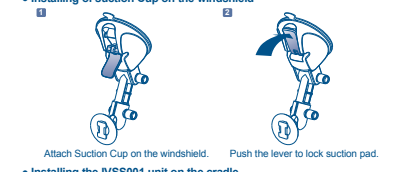


- Angle pads are 5" and 8". (2pcs each) You can put maximum 2 pads at a time.

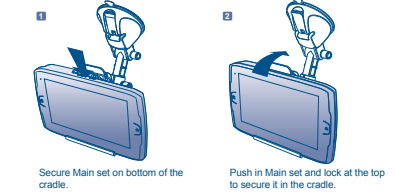
5

Installation

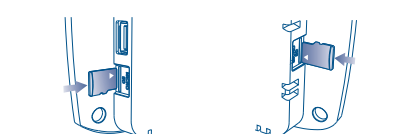
• Before attaching Suction Cup, make sure surface is clean. Installing of Suction Cup.



• Installing the IVSS001 unit on the cradle

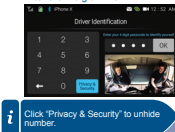


• How to insert Micro SD Card



6

1. Enter the 4 digit Driver ID



- Click "Privacy & Security" to unhide number.

1-1. Safety

Press the Safety button in the main menu screen

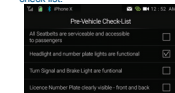


Press the Telematics button in Safety menu



• Pre-vehicle check list

- At initial ignition, press Accept button after checking all the items of Pre-vehicle check list.



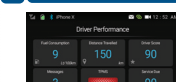
• Fuel consumption



- When the set-up is completed, it will go to Main Menu.



- After setting up Pre-vehicle check list, it goes directly to Telematics messaging. Driver performance page will show in Main menu when the unit is not operating for a certain time.



• Driver Performance

• Fuel Consumption

- Press Fuel consumption in Driver performance page.



• Outbox

- Outgoing messages will appear on the screen.



• Acknowledged messages

- Acknowledged messages will appear on the screen.



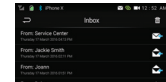
• Delete messages

- Press the Delete button.



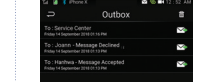
• Delete messages

- Press the Delete button.



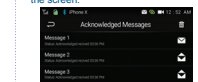
• Outbox

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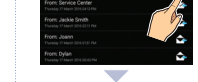
• Delete messages

- Press the Delete button.



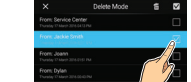
• Delete messages

- Press the Delete button.



• Delete all messages

- Press the Delete button.



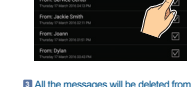
• Delete all messages

- Press the Delete button.



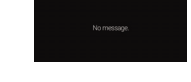
• Delete all messages

- Press the Delete button.



• Delete all messages

- Press the Delete button.



1-2. Drive Cam

- Press the Drive Cam button in the Safety menu screen.



• Front: The real time front view will display on the screen.

- Rear: The real time rear view will display on the screen.



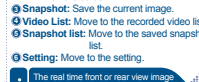
• Snapshot: Save the current image.

- Video List: Move to the recorded video list.



• Setting: Move to the setting.

- The real time front or rear view image will appear on the display via the front or rear camera.

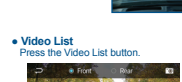


• Adjust the camera before using the drive cam.



• Video List

- Press the Video List button.



• See recorded videos

- Press the Normal button in the Video list.



• Play Time

- Displays the played time of the current file.

• File List Button

- Enters the file list.

• Previous button

- Selects previous video file.

• Play/Pause button

- Plays or pauses your video.

• Next button

- Selects next video file.

• Total Time

- Displays the total play time of the video.

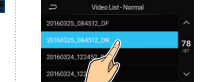
• See recorded videos

- Press the Normal button in the Video list.



• Select a recorded file from the list

- Press the file name.



• Selected recorded file will be displayed.



• Play Time

- Displays the played time of the current file.

• File List Button

- Enters the file list.

• Previous button

- Selects previous video file.

• Play/Pause button

- Plays or pauses your video.

• Next button

- Selects next video file.


• Total Time

- Displays the total play time of the video.

Saved videos are categorized as "Normal" or "Event". Event videos are recorded when an impact is detected by G Sensor. Depending on the capacity of the micro SD card, old files will be deleted so that new ones can be saved.

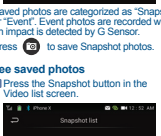
7

Snapshot list
Press the Snapshot List button.

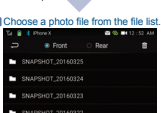


Saved photos are categorized as "Snapshot" or "Event". Event photos are recorded when an impact is detected by G-Sensor. Press **[S]** to save Snapshot photos.

See saved photos
Press the Snapshot button in the Video list screen.




Choose a photo file from the file list.



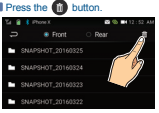
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Selected photo file will be displayed.




Move to previous or next photo by using **[<]** or **[>]** button.

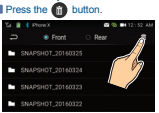
Delete saved photos
Press the **[S]** button.



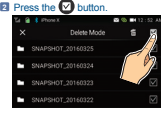
Press the **[S]** button after choosing a photo you want to delete.



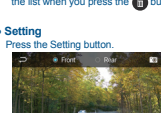
Delete all photos
Press the **[S]** button.



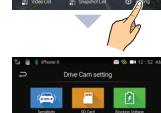
Press the **[S]** button.



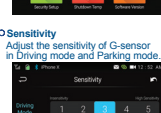
All the photos will be deleted from the list when you press the **[S]** button.



Setting
Press the Setting button.

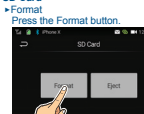


Press the **[S]** button after choosing a photo you want to delete.




13

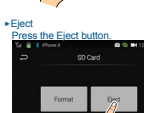
SD Card
Press the Format button.




Press the OK button.



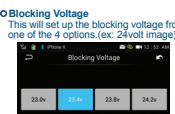
Eject



Press the Eject button.

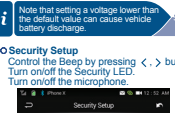


Blocking Voltage
This will set up the blocking voltage from one of the 4 options (ex. 24Volt image).




Note that setting a voltage lower than the default value can cause vehicle battery discharge.

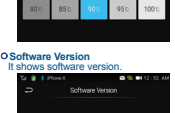
Security Setup
Control the Beep by pressing **[<]** or **[>]** button. Turn on/off the microphone.



Shutdown Temp
While Parking mode, the unit will be turned off at a set temperature.

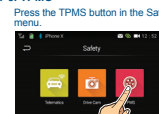


Software Version
It shows software version.

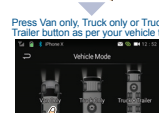


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1-3. TPMS
Press the TPMS button in the Safety menu.




Press Van only, Truck only or Truck + Trailer button as per your vehicle type.



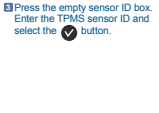
TPMS Setup
Select the location of installed TPMS sensor.



Press the TPMS Setup icon.



Press the empty sensor ID box. Enter the TPMS sensor ID and select the **[S]** button.



Press the unit of measure (Psi, KPa) for setting the tire pressure. Press the MAX button. Enter Maximum tire pressure level. Press the MIN button. Enter Minimum tire pressure level.



Please use only the "CLEAR" button in case of Sensor ID Replacement situation. Pre-registered Sensor ID will be deleted.



Press Reset button to erase all data.



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If in future the trailer position changes, press Array button.



TPMS Alert Indication Colour


- Grey - Old (past) data
- Red - Alert triggered
- Black - Updated data

TPMS Warning
When there is a problem on tire or TPMS sensor, a warning will pop up.




2. Multimedia
2-1. Phone mirroring

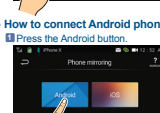
Press the Multimedia button in the Main menu.



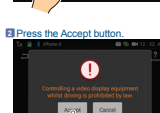
Press the Phone mirroring button in the Multimedia menu.



How to connect Android phone
Press the Android button.




Press the Accept button.




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The device name and the operating system will appear on the screen.



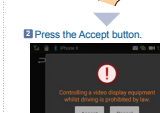
On your Android device, turn on Screen Mirroring/Miracast and select "IVSS001".



Press the iOS button.



Press the Accept button.



The device name and the operating system will appear on the screen.



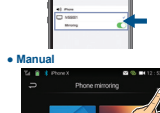
On your iOS device, turn on your Wi-Fi in Setup and connect "IVSS001".



Press the "AirPlay" icon.



Select "IVSS001" and turn on Mirroring. (Mirroring ON is not required after iOS 10)




17

2-2. BT Call (Bluetooth)
Bluetooth is a short distance wireless networking technology. Bluetooth hands-free enables you to talk on your mobile phone "Hands free" via the unit. If you have a Bluetooth phone paired, you can easily make or receive a phone call and maintain a phone book through the IVSS001 unit. Some mobile phone models might not support Bluetooth hands-free (HFP) profile.

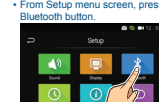
Safe driving practices
Bluetooth hands-free is designed to assist the driver to drive safely while making/receiving phone calls. It is recommended that you do not hold or operate your mobile phone whilst driving.

Bluetooth phone connection cautions
Before trying to connect Bluetooth, ensure that your mobile phone has the Bluetooth feature. If the mobile phone is set up as "hidden" or the Bluetooth is turned off, the mobile phone will not connect with the unit.

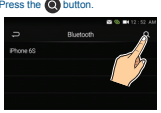
Connection
From Main menu screen, press the Setup button.



Pairing
From Setup menu screen, press the Bluetooth button.



Press the **[S]** button.



Enter the Bluetooth menu in your mobile phone and begin searching for devices. (Refer to the mobile phone manual of each manufacturer to check the Bluetooth function).

When the search finishes on your mobile phone, you should see "IVSS001" as an available device to connect.

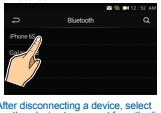
Select "IVSS001" then your mobile phone will ask for a pin code.

Enter the pin code displayed on the unit.

Pairing information
After a mobile device has once been paired and the ignition is turned on with the Bluetooth activated on the device, the IVSS001 unit will connect to the last connected device automatically.

Temporary Disconnect
Sometimes you may want to temporarily disconnect Bluetooth from IVSS001. e.g. When vehicle ignition is on and you want to get out of the vehicle with your phone. Or you want to delete a particular connection. To disconnect, select **[S]** from the list.

Connect
If a number of mobile phones are linked, you can select a device you prefer in the connect list.

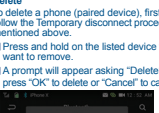


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Delete
To delete a phone (paired device), first follow the Temporary disconnect procedure mentioned above.

Press and hold on the listed device you want to remove.


A prompt will appear asking "Delete?" press "OK" to delete or "Cancel" to cancel.



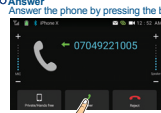
Bluetooth Call Function
From Main menu screen, press the Multimedia button.



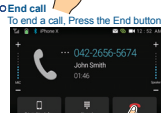
From Multimedia menu screen, press the Phone button.



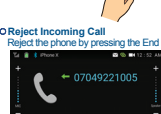
Answer
Answer the phone by pressing the button.



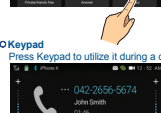
End call
To end a call, Press the End button.



Reject Incoming Call
Reject the phone by pressing the End button.




Keypad
Press Keypad to utilize it during a call.

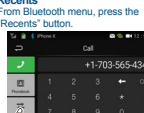


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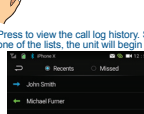
Recent
From Bluetooth menu, press the "Recent" button.



Press to view the call log history. Select one of the lists, the unit will begin dialing.



Missed
Press to view the missed call list.



Phonebook
Download

There are three ways to download the Phonebook.



Depending on your phone model, your contacts may be automatically downloaded. Please check the phone book list on the multimedia unit.



Depending on the size of your phone book file, downloading may take up to several minutes.



The user can press the Download button to download the Phone Book. Depending on the type of phone, this download function may not work. In this case, you can use the first option to download the phone book.



It's possible for the user to directly send the Phone Book from their mobile device to the unit. Select the contacts you wish to send in your mobile phone. Select send via Bluetooth then select IVSS001 as the device to send to.



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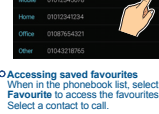
Removing contact from favourites
In the favourites screen, select contact and press **[S]** button.



Accessing saved favourites
When in the phonebook list, select favourite to access the favourites list. Select a contact to call.



BT Audio
From Main menu, press the Multimedia button.



From Multimedia menu, press the Multimedia button.



The mobile device must support Audio streaming (A2DP) for this feature.

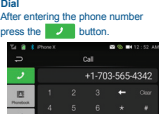
Using this function allows you to listen to music on your mobile phone through the unit without touching your mobile device.

Press play on the unit to begin streaming music from your mobile phone.

If play does not begin, go to your mobile phone music player and begin playing music. Please ensure that you have pulled over before touching your mobile device.

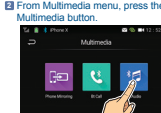
Please note some functions may not operate due to your mobile phone not supporting these functions.

- Plays current song
- Pauses current song
- Skips to previous song
- Skips to next song
- Go back to previous screen

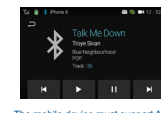


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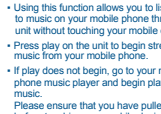
3. Setup
From Main menu, press the Setup button.



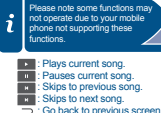
Sound
Volume: Control the Main Volume by pressing **[<]** or **[>]** button. (0-20)




Select the Speaker Internal or AUX out.




Display
Brightness: Set the Brightness of the screen to your desired level (1-20)




Time
Select the Time button. Set the time by using the **[<]** or **[>]** buttons.



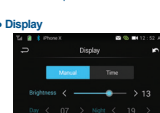
Select the Date button. Set up Day / Month / Year by using the **[<]** or **[>]** buttons.




Information
This will display version of the Firmware and applications.



Control
Driver Performance Screen: Turns the Driver Performance Screen function on or off.



Driver-ID Camera Display: Turns Driver-ID Camera Display on or off.



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ITEM	SPECIFICATIONS
MODEL	IVSS001
DIMENSION	204X125X56 4mm(Monitor) 218.5X151.1X70.9mm(Included Install kit)
WEIGHT	650g(Monitor) 986g(Included Install kit)
LCD	7" LCD, 800x480, Capacitive Touch
SD CAPACITY	Up to 32GB
RECORDING METHOD	Continuous record, Event record Parking event record, Manual record
CAMERA	Front : FHD (1920x1080) Rear : HD (1280x720) Drive : VGA (640x480)
AUDIO / SPEAKER	Internal microphone / Internal speaker (1W x 2)
ACCELERATION SENSOR	Triaxial Acceleration sensor
GPS	Support External GPS (Option)
TELEMATICS	Support External Telematics
INPUT VOLTAGE	DC 12/24V
AUXILIARY POWER SUPPLY	Super cap
OPERATING TEMPERATURE	-20 ~ 70 °C

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:
Any Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

A minimum separation distance of 20cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.

Contains FCC ID : RKXF00070N