GD

WiMESH

For a safe and convenient use, be sure to read the instruction manual.
Changes or modifications to this product not approved by the manufacturer will void the warranty. Also, HMS assumes no responsibilities for any problems or accidents resulting from failing the compliance to observe the precautions of/and instruction given in this manual.

[Precautions]
- Drivers should not operate the system while driving.
  Be sure to stop the vehicle in a safe location and use the parking brake before operating the system.
- Use the proper power supply. This product is designed for operating with a 12V DC battery. Do not operate this product with other battery systems, especially a 24V DC battery system.
- Do not disassemble, modify or attempt to repair the product yourself.
- Do not install the product in a location where it interferes with your field of vision.
- Make sure the leads do not interfere with driving or getting in and out of the vehicle.
- Make sure to insulate all exposed wires to prevent short circuiting.
- Make sure to fully remove the battery system when installing the product.

[Operating Reference]
- Keep the sound volume at an appropriate level.
- Inquire retailers for those smartphone that are not compatible with the product.
- The communications between smartphones and the product via WiFi might be more interfered the more WiFi-using devices nearby. Try to refrain from using WiFi for other devices when using this product
- Display on the screen may be interrupted at times for WiFi performance may differ based on smartphone performance.
- There may be changes in product features and elements without any prior notice, in order to upgrade its performance.
- Make sure to check all the components and parts of the product in the box when opening the box.
- Be fully aware of this instruction manual before using the product, and keep the manual for future reference.

■ Contents

1. Product Components

Main Body

WiFi Antenna

12V Power Cable

CVBS Video
Output Cable

RGB Video
Output Cable

Remote
Control Unit

Remote
Control Receiver

WiFi Antenna

HDMI Output (Optional Cable)

R
G
B
G
SYNC

Video
Audio L
Audio R

ACC
GND
Parking
Remote Controller
Receiver
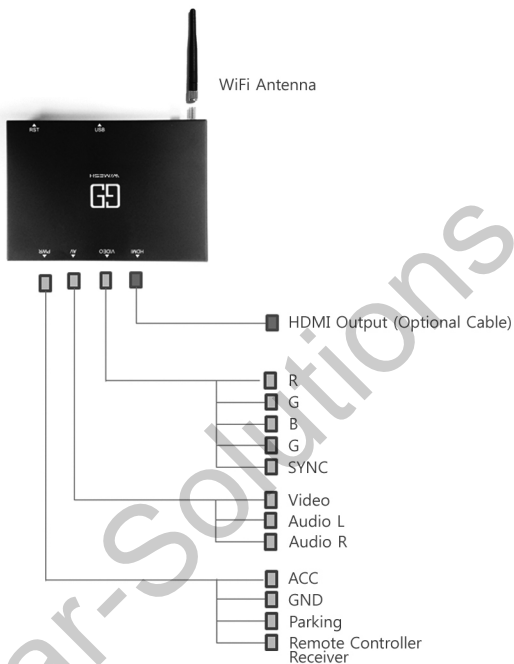
[Selecting Display Output]

RGB Output
(Turn 1
 and 3 ON)

AV & HDMI Output
(Turn 1 ON)

3. Main Body

Front

WiFi Antenna   USB Input   RESET Button

Back

Power Cable   AV Cable   RGB Cable   HDMI Cable

HDMI In (Option)
Multimedia contents(movie, music, photo, etc.) can be played from other devices that support HDMI output.

USB In
Multimedia contents(movie, music, photo, etc.)
can be played by connecting a USB storage

Media Sharing
Multimedia contents(movie, music, photo, etc.) can be played by connecting a smartphone WIRELESSLY.
.

Mirroring
Smartphone's screen can be mirrored by connecting a smartphone WIRELESSLY.

System Settings

5-1. Media Sharing Connection – Android

Media Sharing is a function that plays various media contents stored in Android phone by connecting WiMESH and Android phones. In order to use this function, the WiMESH application must first be installed in the Android phone.

1) Application Installation

[Android Market]
 Search on Google Market for "WiMESH GI-9000"
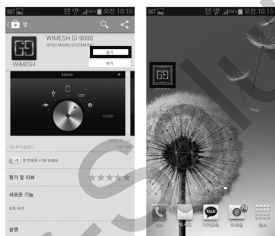
When searched, an installation button will appear like the screen on the left above.
Install the application for WiMESH by clicking the 'installation' button on the display.
When the installation is finished, the WiMESH icon will be seen on the home screen like the screen on the right above.

2) WiFi Connection between WiMESH and Android phones

[Main Menu of WiMESH]

In the main menu of WiMESH such as the left image will be displayed, where an input selection can be made.

[WiFi Connection]

Connect to WiMESH WiFi on the Android phone.
Each 'WiMESH' device has its own serial numbers at the end of each device's name.
(The serial numbers can also be checked at the "WiFi Setting" within the System Setting. The initial password for connection is "1234567890", and it is automatically connected after the initial connection.)

3) WiMESH Application

[Running WiMESH Application]
After connecting WiMESH WiFi, run the application for WiMESH.
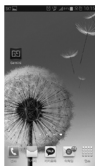
When connecting the Sharing function, a smartphone acknowledges a connected-WiMESH as a WiFi AP(Access Point), therefore, users cannot use the Internet via data communications
of CDMA network nor applications that use data communications.
But, users can freely use
voice calls, texting, and other applications
that do not use data communications.

[Sharing Mode]
On Android phones display, the remote control keys are displayed, like on the left below.
Using the keys on Android phones display, turn the pointing arrow to Sharing Mode, then press 'OK' to run the mode.(It can also be done by the actual remote control unit.)

[Sharing Mode]
When the Sharing Mode is properly running, the WiMESH display will be like the left image below; and Android phones on the right, displaying the selection screen for media contents in Android phones.
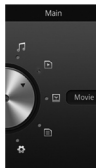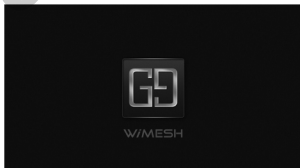
Media Sharing is a function that plays various media contents stored in iPhone by connecting WiMESH and iPhone. In order to use this function, the WiMESH application must first be installed in iPhone.

1) Application Installation

[iPhone App Store]
Search on App Store for "WiMESH GI-9000"

When searched, an installation button will appear like the left screen above.
Install the application for WiMESH by clicking the 'installation' button.
When the installation is finished, the WiMESH icon will be seen
on the home screen.

2) WiFi Connection between WiMESH and iPhones

[Main Menu of WiMESH]

In the main menu of WiMESH such as the image below will be displayed, where an input selection can be made.
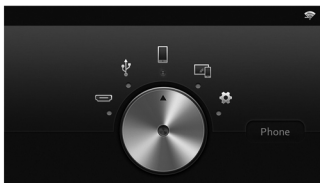
[WiFi Connection]

Connect to WiMESH WiFi on the Android phone.
Each 'WiMESH' device has its own serial numbers at the end of each device's name.
(The serial numbers can also be checked at the "WiFi Setting" within the System Setting. The initial password for connection is "1234567890", and it is automatically connected after the initial connection.)

When connecting the Sharing function, a smartphone acknowledges a connected-WiMESH as a WiFi AP(Access Point), therefore, users cannot use the Internet via data communications of CDMA network nor applications that use data communications. But, users can freely use voice calls, texting, and other applications that do not use data communications

3) Storing Media Contents in WiMESH application

Run iTunes on the computer and connect with user's iPhone.

1. Click the APPS button to move to APP management mode.
2. Select WiMESH APPS.
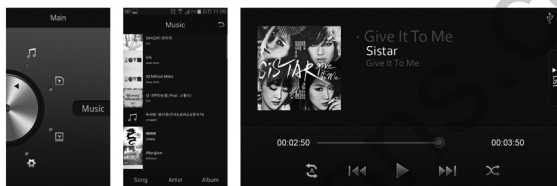3. Click on the "Add..." button in order to add media contents.

1. Select media contents to be added.
2. Apply to iPhone by clicking the "Apply" button.
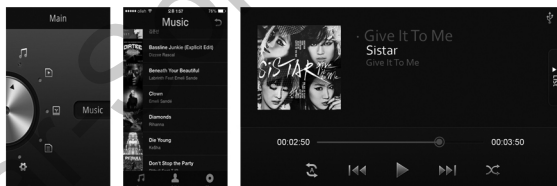
6. Media Sharing

6-1. Music

[Android Phone]

1. Select the Music mode to run by clicking on the Music icon, like in the image on the left.
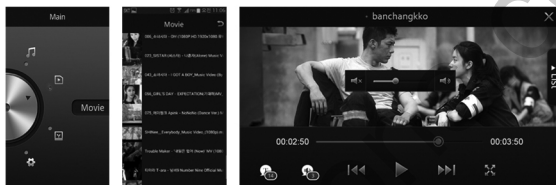2. Select a music file to play.

[iPhone]

1. Select the Music mode to run by clicking on the Music icon, like in the image on the left.
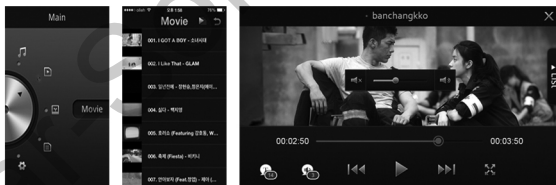2. Select a music file to play.

6. Media Sharing

6-2. Movie

[Android Phone]

1. Select the Movie mode to run by clicking on the Movie icon, like in the image on the left.
2. Select a movie file to play.

[iPhone]

1. Select the Movie mode to run by clicking on the Movie icon, like in the image on the left.
2. Select a movie file to play.

6-3. Photo

[Android Phone]

1. Select the Photo mode to run by clicking on the Photo icon, like in the image on the left.
2. Select a photo file to play.

[iPhone]

1. Select the Photo mode to run by clicking on the Photo icon, like in the image on the left.
2. Select a photo file to play.

6. Media Sharing

6-4. Library

The function for Library for iPhone is to play movie, music, photo files stored in iPhone, separately stored in the iPhone, other than those files already added to the WiMESH application via iTunes.
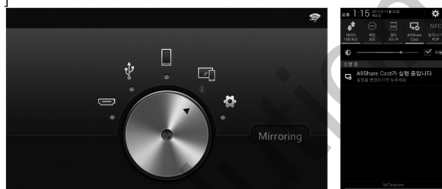
[iPhone]
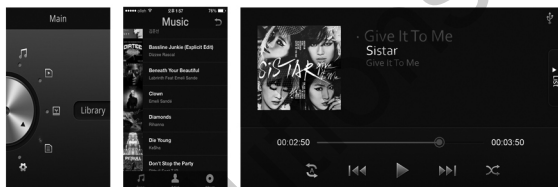
1. Select the Library mode to run by clicking on the Library icon, like in the image on the left.

2. Select files to play.

7. Mirroring

7-1. Android Phone

By connecting WiMESH and the Android phone via WiFi, mirroring function
exactly "mirrors" the display and sound of smartphones' on another display
In order to use this function, the Mirroring mode on smartphones
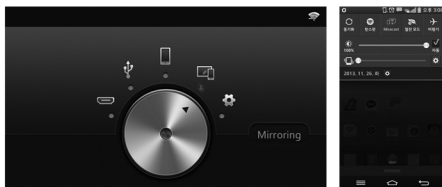to be activated first.

[Connecting Samsung Phones]

1. First, change the mode to Mirroring by selecting the
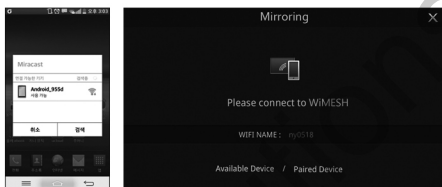   Mirroring icon on WiMESH.
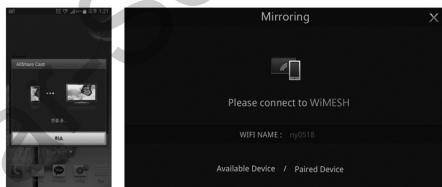
2. For Samsung phones, "AllShare Cast" must be first activated in Phone
   Settings, and then connect to WiMESH.

[Connecting Such Other Android Phones as LG, Etc]

1. First, change the mode to Mirroring by selecting the
   Mirroring icon on WiMESH.

2. For LG phones and other Android phones, "Miracast" must first
   be activated in Phone Settings, and then connect to WiMESH.

WiMESH

[USB Connection]

After connecting USB to WiMESH, change the mode to USB,
by selecting the USB icon.

[USB_Movie]

Please movie contents in USB, by selecting the Movie icon.

[USB_Music]

Please music contents in USB, by selecting the Music icon.

[USB_Photo]

Please photo contents in USB, by selecting the Photo icon.

Select System Settings mode in the WiMESH main menu.

[Setting]

- **System Information**
  You can check such information on OS / FW versions of WiMESH.

- **Calibration Control**
  (Optional) You can calibrate the screen when additional
  touch screen is connected.

- **Screen Control**
  You can resolution size in accordance with monitor in use.

- **User Option**
  You can select button sound and languages.

- **WiFi Setting**
  You can check AP addresses of each WiMESH and AP password.

- **Factory Reset**
  You can reset WiMESH to the factory settings.