



# [HOW TO USE]

[ FOR HICARE HUB ]

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## FCC STATEMENT

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.

FCC ID: QN8HH-800

**WARNING!** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**RF EXPOSURE WARNING!** This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

**Note:** 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.

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**Thanks for purchasing the product.**

**Be sure to read the 'How to use' for convenient and safe use.**

**Introduce HicareHub App that can be used to HICARE HUB services**

- (1) This guide has been prepared based on an updated version 0.0.1-16 on 07/08/2014.
- (2) HicareHub App installed on Tablet is basically the one recommended for use in 3G / 4G connection status, 3G / 4G connection may be subject to additional charges.
- (3) Where Internet access is poor, call quality can be degraded.
- (4) The measures submitted by using the product is strictly for reference, you should consult with an expert analysis of the measure.
- (5) Measuring devices that work with this product, please refer to the instruction manual of the product.
- (6) Display the picture of this manual may differ from the actual product.
- (7) The contents of this manual may vary according to the software version or carriers of goods, some are subject to change without prior notice.

## 1.1. Product Overview

This product provides wired and wireless interfaces for health meter, smart devices and smart devices works by utilizing a screen of a display for the user UI, is an electronic sphygmomanometer utilizes a wireless network capabilities and mobile communication capabilities of smart devices

## 1.2. Product Configuration

- HH-800
- Blood Pressure Cuff
- Manual
- Power Cable / Adaptor
- Battery

## 1.3. HicareHub App Install

The installer will install the product to register the product.

Questions on the product and A / S, please contact service administrator.

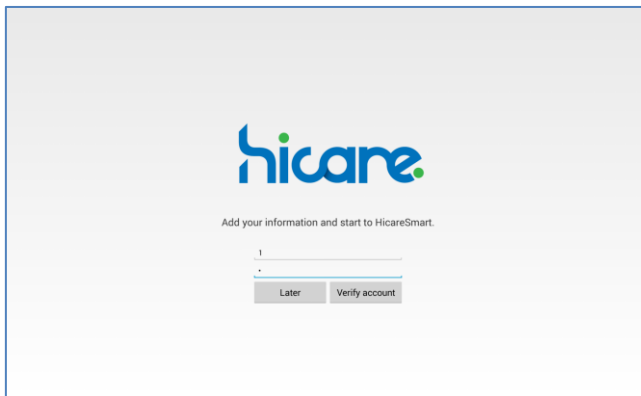
## 1.4. Product Basics

1. Use the USB cable to connect the Hicare Hub and smart devices
2. Connect the battery and Adaptor
3. Press the power button located on the front of the product
4. HicareHub APP in smart devices will run later

## 1.5. Execute HicareHub App

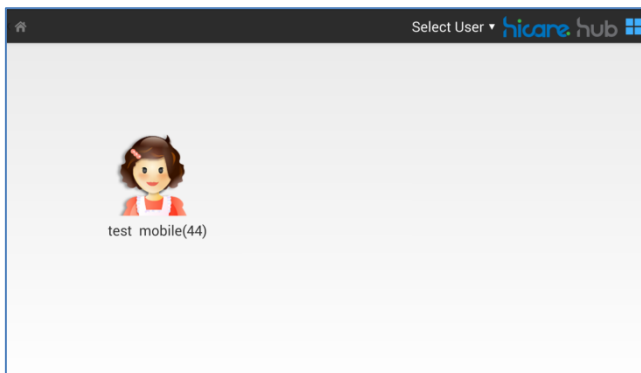


Select HicareHub App.



The Hicare LOGO and Log-In screen appear.

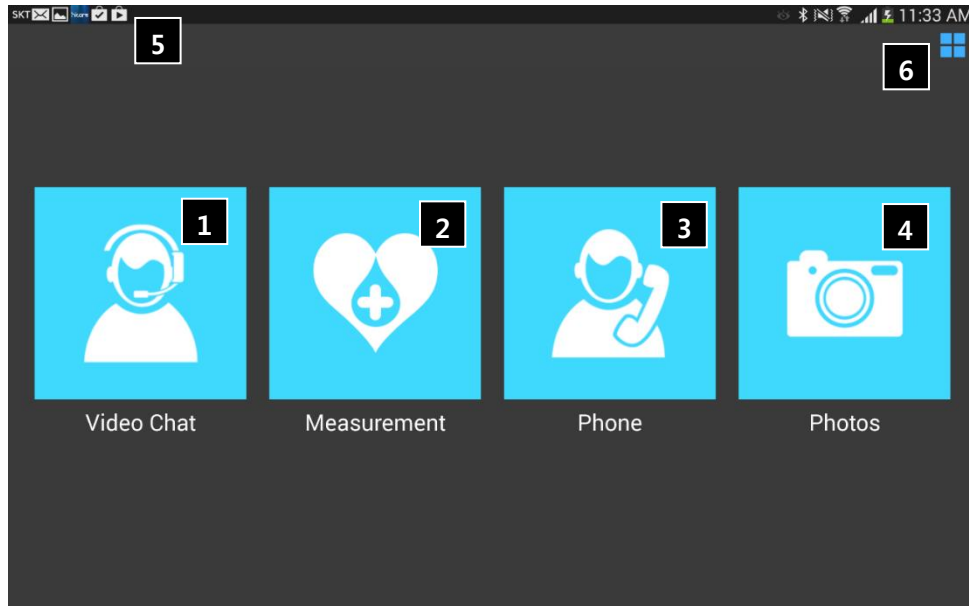
Fill in ID & PASSWORD and select 'Verify Account'



Check the person who logs in. Select yours.

## 1.6. How to use HicareHub APP

The photo below is a main screen.



**1** Video Chat

**2** Measurement

**3** Phone

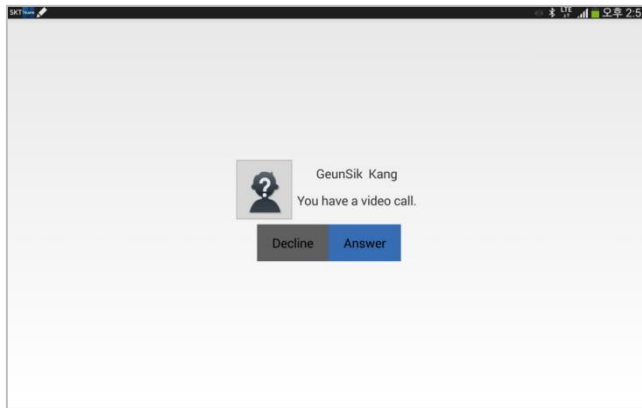
**4** Photo

**5** Notification

**6** Other

## 1.7. Video Chat

### ► Receiving a call



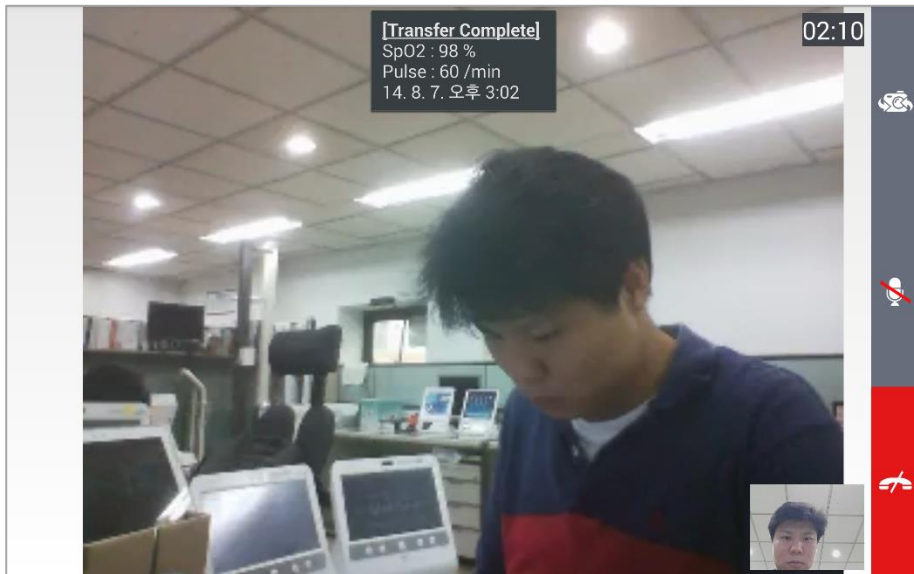
1. When a call comes in, the screen changes a call notification.
2. To answer the call, choose the Answer, and select Decline to ignore.



- |          |  |          |           |          |           |
|----------|--|----------|-----------|----------|-----------|
| <b>1</b> | Caller's screen  | <b>2</b> | My screen | <b>3</b> | Talk time |
| <b>4</b> | Switch camera : During a video chat, change the front and rear of the camera |          |           |          |           |
| <b>5</b> | Sound off  |          |           |          |           |
| <b>6</b> | Hang up the Video chat   |          |           |          |           |

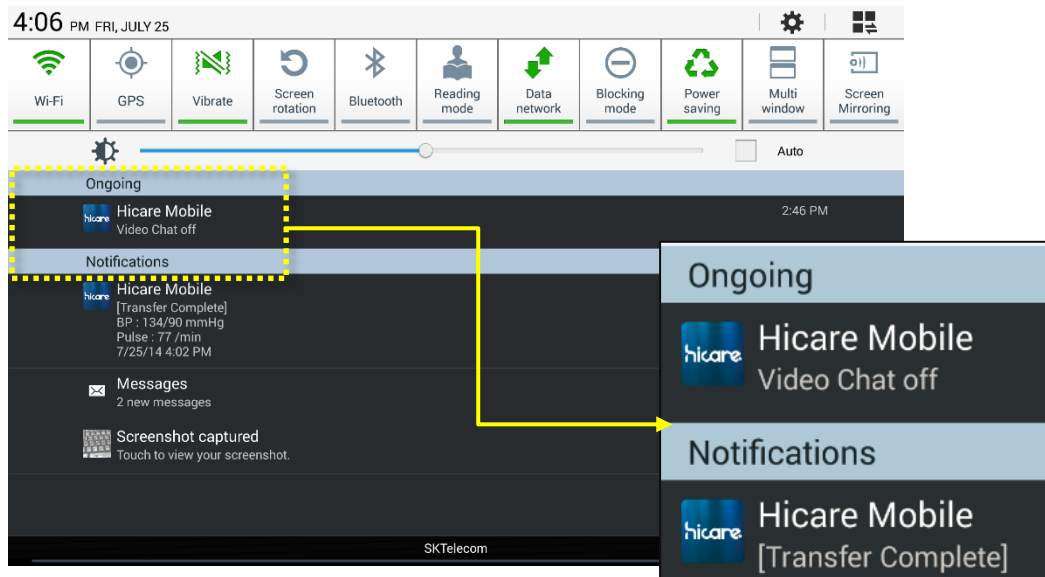


► Measured while video chat



1. Start the measurement while video chat.
2. After the measurement the measurement value is displayed at the top of the screen, the measured value is automatically sent

☞ If it's not the video chat? Check a notification at the top of the screen.

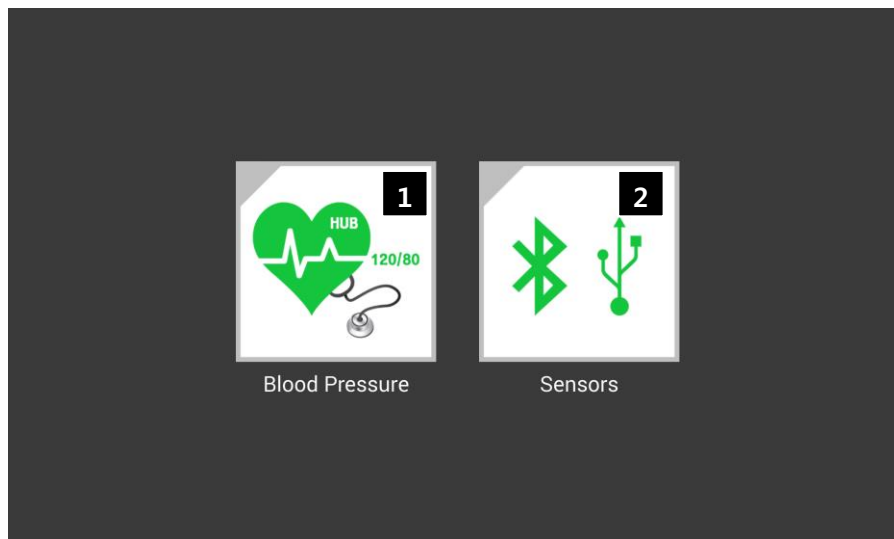


1. Drag the notification.
2. Check a Video Chat status.  
(Video Chat On : Call available, Video Chat Off : Call impossible)
3. If Video Chat Off persists, after checking the network status.  
And please contact the Custom Care Center.

## 1.8. Measurement

After the progress measured by the measuring device, and transfer the measured values.

When you select a [Measurement], the following screen comes.

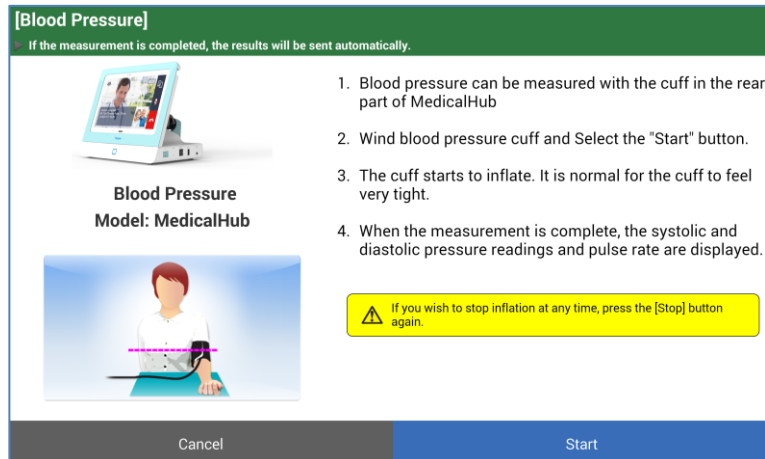


**1** Blood Pressure : Embedded Blood Pressure.

**2** Sensors : External devices using BT and USB

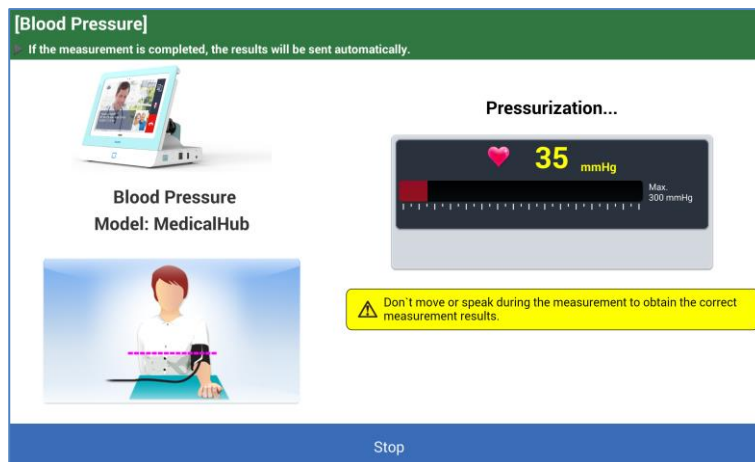
## ► Blood Pressure : Embedded Blood Pressure

1. When you select a 'Blood Pressure', a blood pressure measurement screen comes with a Embedded Blood Pressure

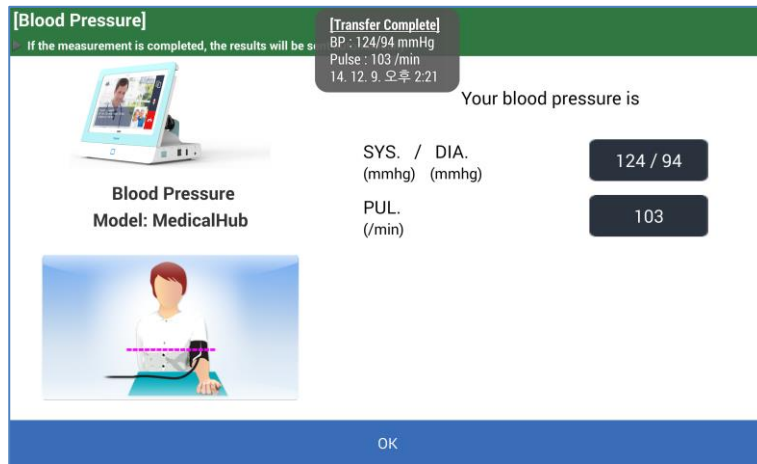


2. Wrap around the arm with the blood pressure cuff in the rear part of Hicare Hub

3. Select the 'Start'

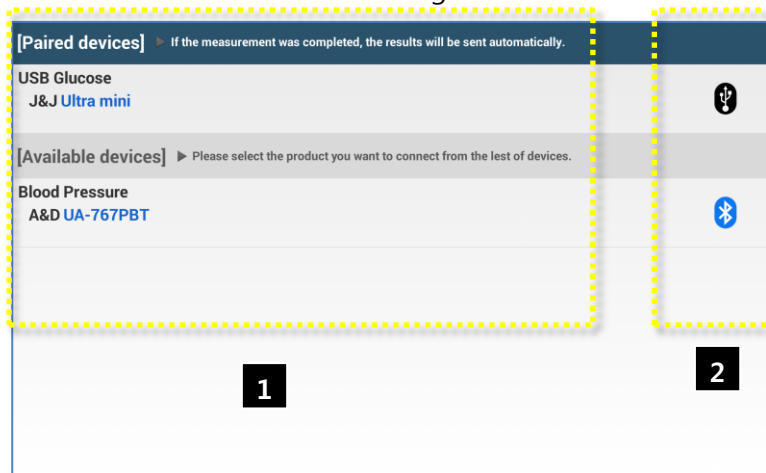


4. When the measurement is completed, measured value is displayed  
And measurements are automatically sent to the server



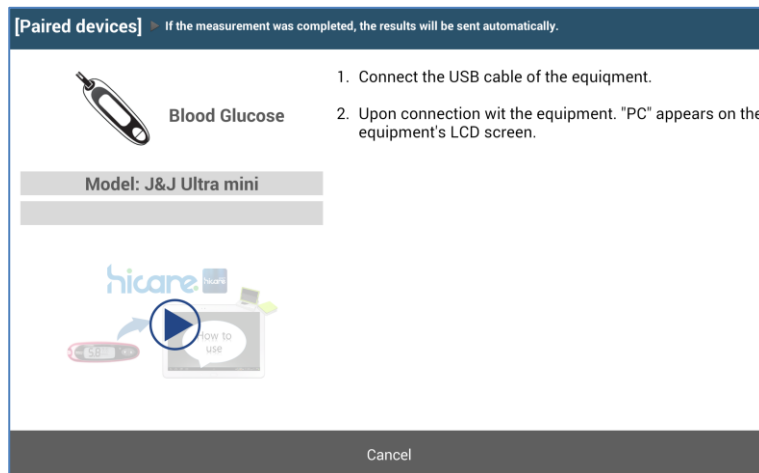
## ► Sensors : External devices using Bluetooth and USB

1. When you select the 'Sensors', appeared the screen to select the connection method and the external measuring device

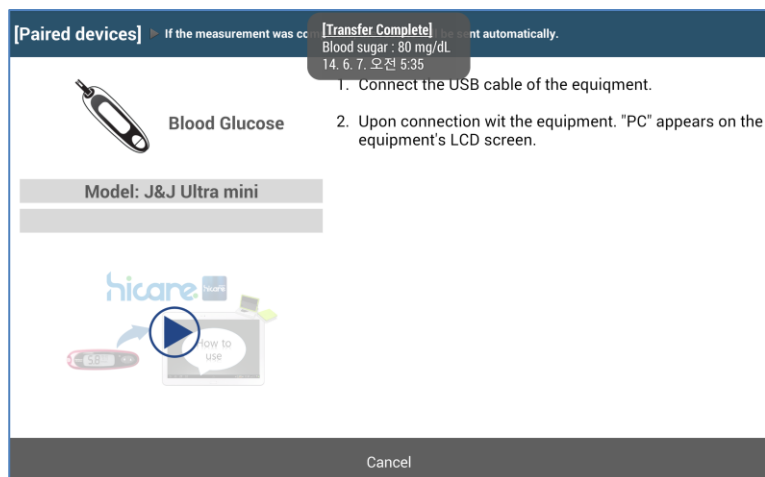


- 1** A list of available external measurement devices
- 2** The connection way of the external measurement device

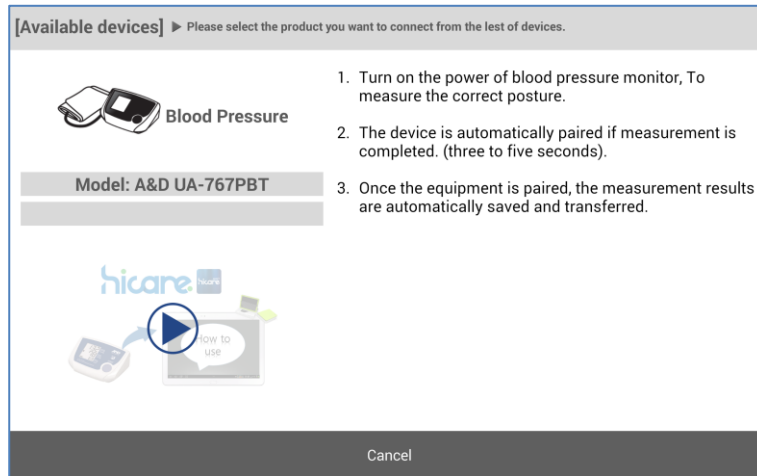
2. When you select a Device using a USB, instruction screen comes (Illustrated by glucose device)



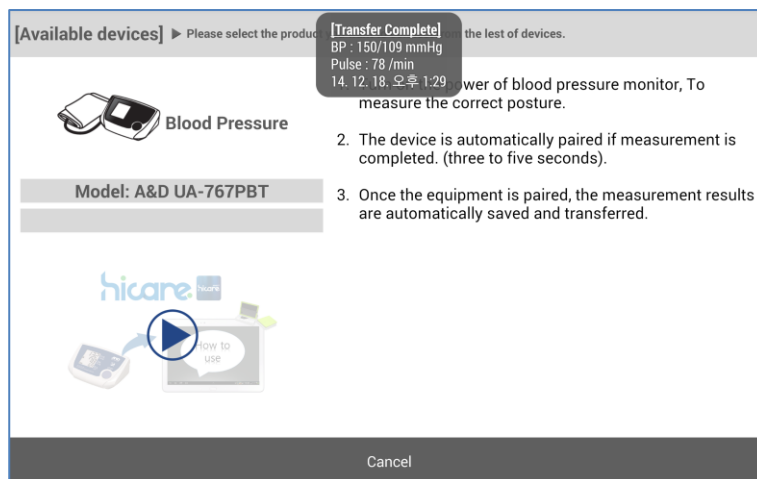
When a device connect the Hicare Hub, measurements are automatically sent to the server



3. When you select a device using Bluetooth, instruction screen comes (Illustrated by blood pressure)



When a device connect the Hicare Hub, measurements are automatically sent to the server





## **What is Bluetooth pairing?**

Must register with the measuring devices in order to transmit the measured values to the Hicare Hub.

Pairing is to be run once.

The pairing process is different for each measurement devices.

Please refer to the setup.

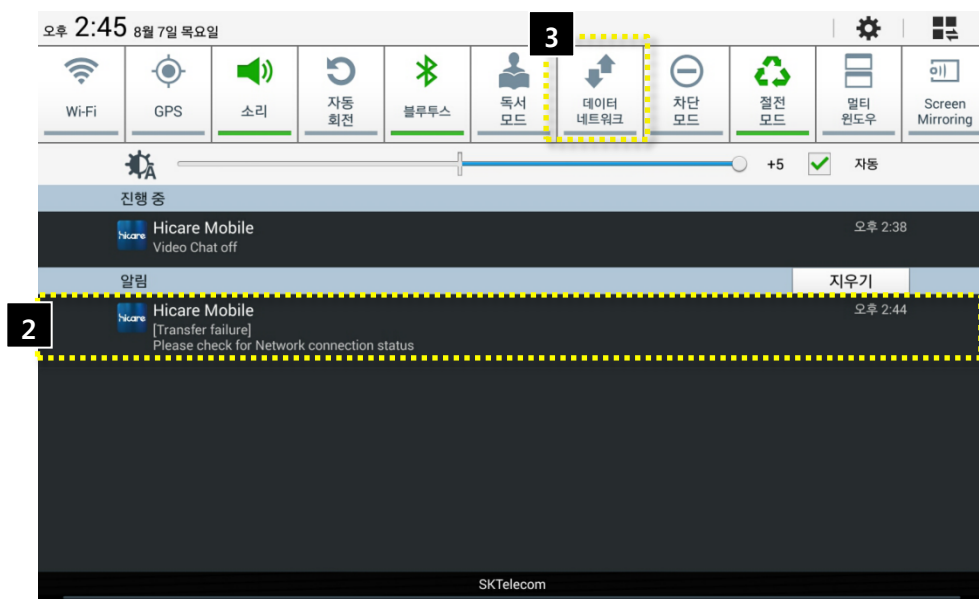
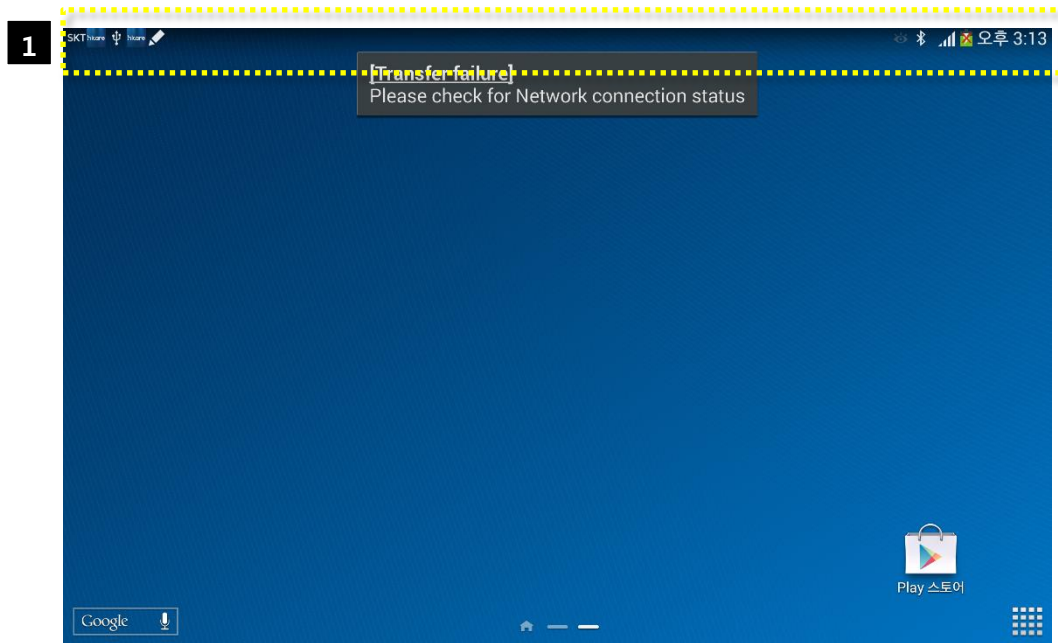
## **If the measuring device is first connected?**

After measuring instrument and measurement may take some time to connect the HicareHub APP. (About 1 minute or more).

The first connection, the time it takes to pair a Bluetooth device is measured by the difference between the measuring device.

More than three minutes, please try again if the measured value is not sent.

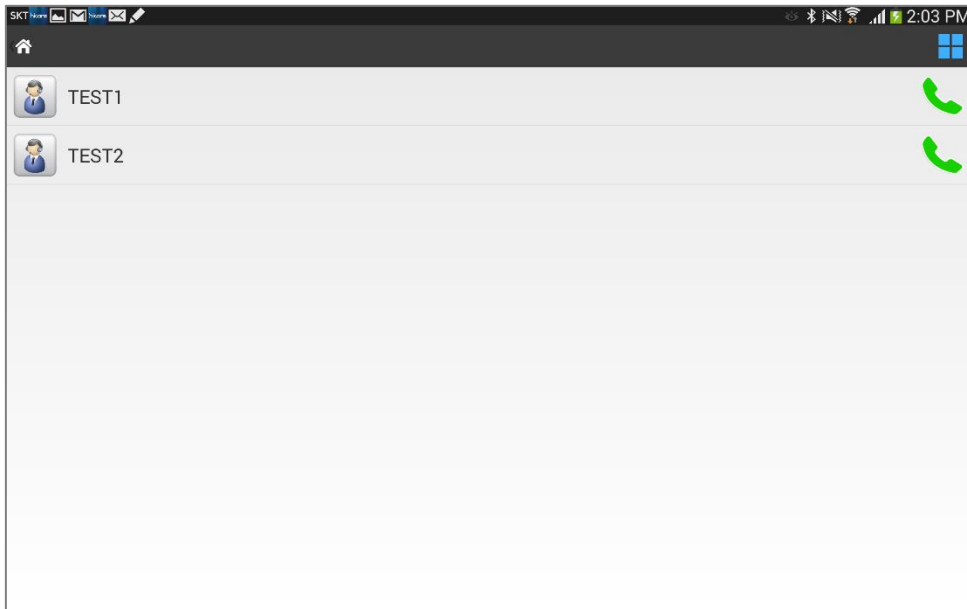
☞ If transfer failed, Check notification at the top of the screen.



1. Drag the status bar downwards to open the Notifications.
2. Check the Transfer status.
3. Transfer failure after check the network status, please contact the Customer Care Center.

## 1.9. Phone

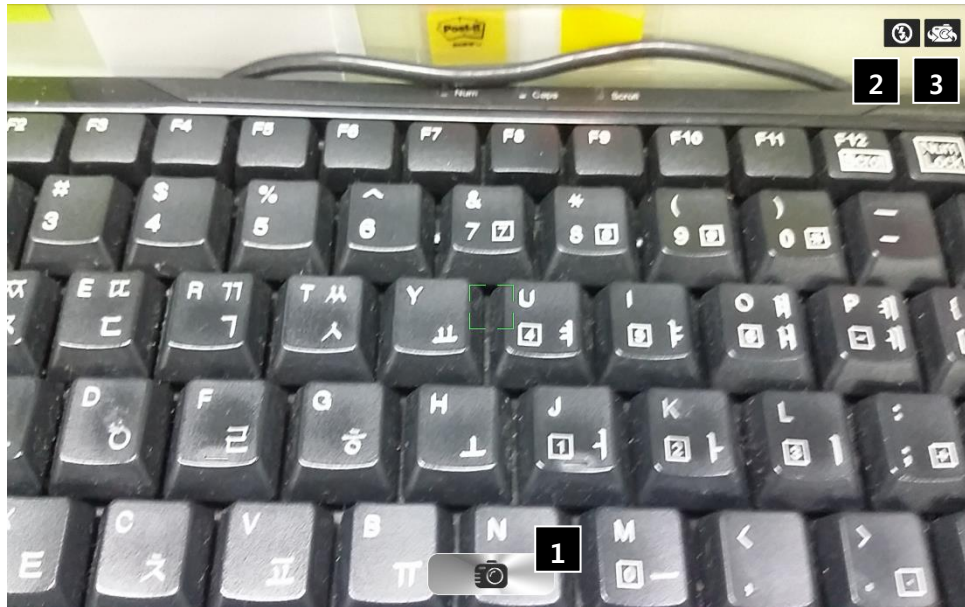
Can make voice calls to a designated number.



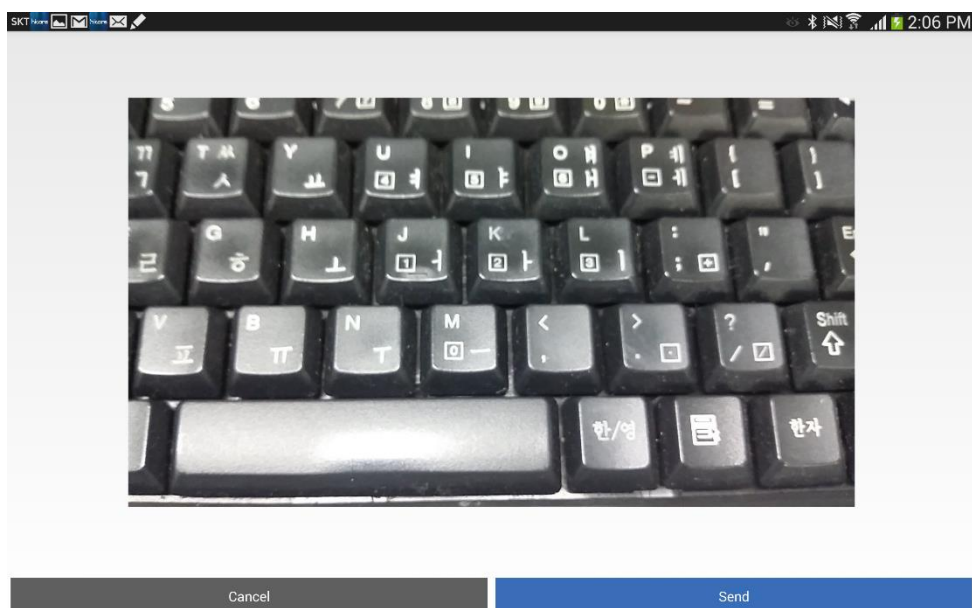
1. Select one of the lists.

## 1.10.Photo

Taking pictures can be transferred directly.



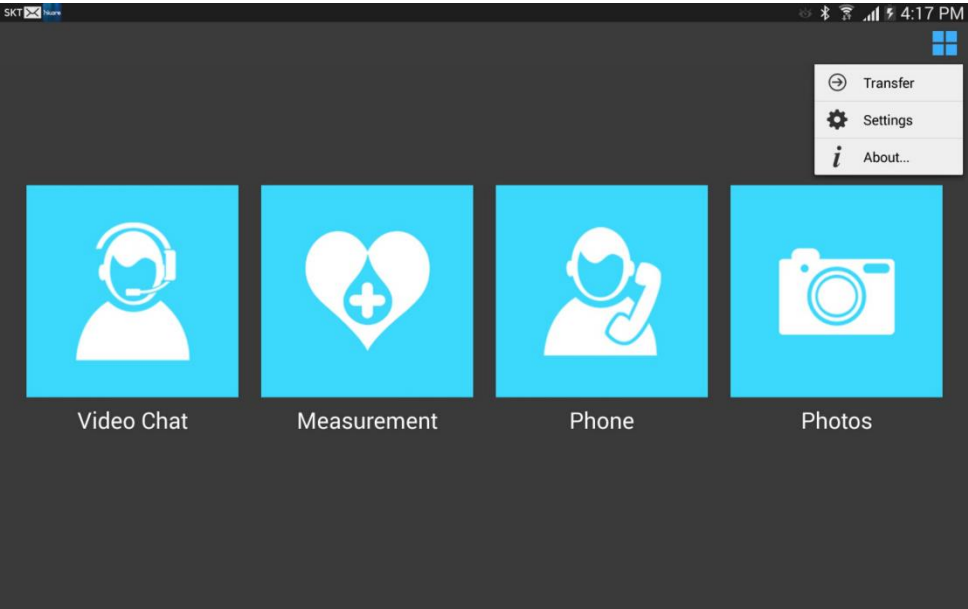
- 1** Taking Pictures
- 2** Flash : Camera flash On/Off
- 3** Switch camera : Change the front and rear of the camera



- 1. When you take a picture, shows a screen shot.
- 2. Select a 'Send' and then the shooting screen is automatically sent.

# 1.11.Others

When select a button(☐) on the right side of the screen, the other menu list open.



## ▶ Transfer

When select a 'Transfer', appears transmission history list.

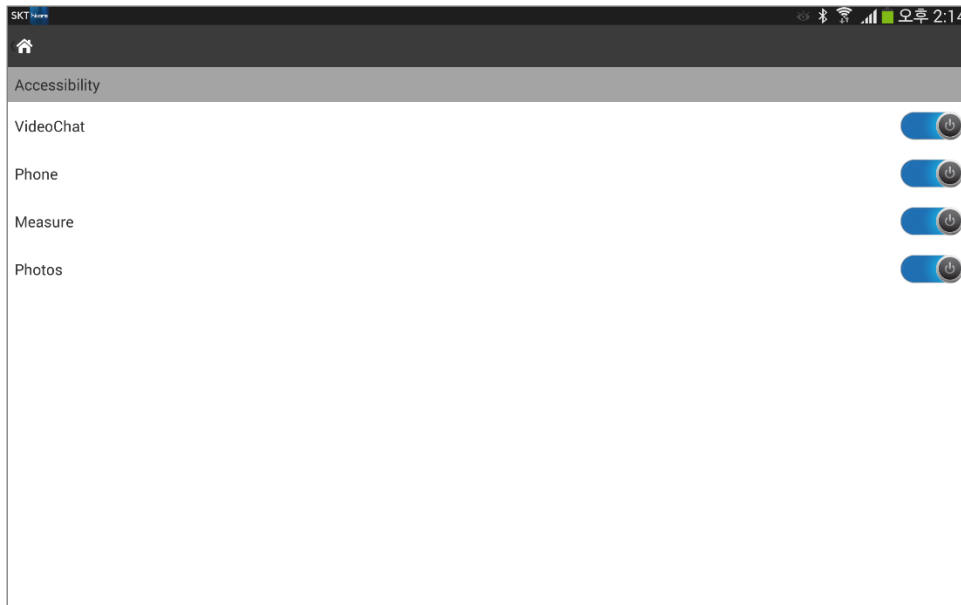
Can check transfer date, metric, transmission results ( S : success, F : failed)

| Transfer history  |                |   |
|-------------------|----------------|---|
| 14. 8. 7. 오후 2:46 | Temperature    | S |
| 14. 8. 7. 오후 2:46 | Temperature    | S |
| 14. 8. 7. 오후 2:46 | Temperature    | S |
| 14. 8. 7. 오후 2:46 | Pulse oximeter | S |
| 14. 8. 7. 오후 2:46 | Pulse oximeter | S |
| 14. 8. 7. 오후 2:44 | Temperature    | F |
| 14. 8. 7. 오후 2:43 | Temperature    | F |
| 14. 8. 7. 오후 2:42 | Temperature    | F |
| 14. 8. 7. 오후 2:40 | Pulse oximeter | F |
| 14. 8. 7. 오후 2:39 | Pulse oximeter | F |
| 14. 8. 7. 오후 2:03 | Temperature    | S |
| 14. 8. 7. 오후 2:00 | Temperature    | F |
| 14. 8. 7. 오후 1:41 | Temperature    | S |

## ► Settings

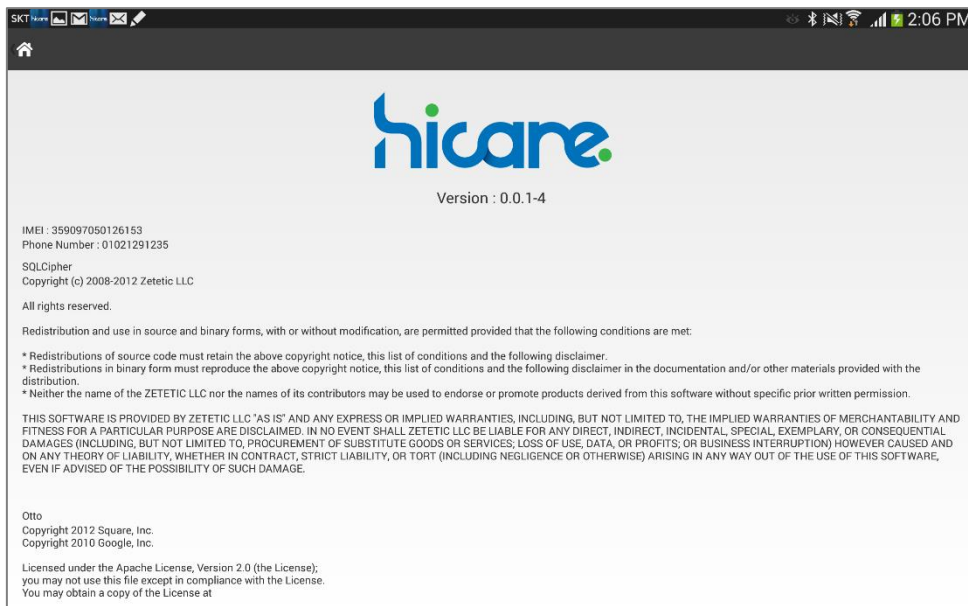
When select a 'Setting', appears a program setting screen.

Move each button can be enabled / disabled.



## ► About

When select a 'About', can check the information about HicareHub APP.



## 1.12. Specification

|                       |                                      |
|-----------------------|--------------------------------------|
| Model Name            | <b>HH-800</b>                        |
| Memory                | DDR3 SDRAM 512MB                     |
| Storage               | eMMC 4GB                             |
| BT                    | Classic BT/ BT Low energy, Dual mode |
| USB                   | USB 2.0 Host 3-port                  |
| Audio                 | Audio Input                          |
| NIBP                  | Yes                                  |
| Weight                | About 1.1Kg                          |
| Rating Supported      | DC 12V / 2.5A~3.5A                   |
| Adaptor               | AC 100-240V, 50/60Hz                 |
| Battery               | 7.4V, 1350mAh                        |
| Operating Temperature | 0 ~ 40 °C                            |

## 1.13. Operation status

You can check the status between HicareHub and Tablet via the LED on the power button around.

|                   | Battery       |        | Connected | Disconnected    |
|-------------------|---------------|--------|-----------|-----------------|
| Insert<br>Adaptor | Fully charged | Green  | Green On  | Green Blinking  |
|                   | Charging      | Red    | Red On    | Red Blinking    |
| Remove<br>Adaptor | Discharging   | Orange | Orange On | Orange Blinking |

If the LED is still blinking, try to turn off and turn on HicareHub. But if flashing persists, please contact Customer Service.