

Introduction

Welcome to use HillCom health products Smart Blood Pressure Device.
To use this product, one IOS device (iPhone, iPad, iPod Touch) is necessary, and the IOS version shall be 4.2 or later. Please also install our ios application from Apple App Store firstly. Application name is iHealthDock.

We have designed the unprecedented UI for blood pressure measurement and statistic. You can use it easily. It supports multi-users and unlimited data save and share.

This product can also be used for remote medical treatment.

Feature

As the new generation smart health device, this product has the following features:

- Measuring Blood Pressure and Pulse Rate
- Measuring Body Temperature (required the listed temperature sensor)
- The easy useful UI
- All results are saved in IOS Device with SQL database.
- Support multi-user
- Support browse History data With diagram and list table.
- User can add comment to the measured result
- Support to share data by message, network, etc
- Support hot-plug
- It also can be used for remote medical

Notes






Please follow up the doctor's suggestion to use this product.

- The blood pressure has difference for different user, and under different taking environment. All results just for refer. Please follow up the suggestion from your doctor.
- Do not use it if you can understand the measured results
- Do not use for others except blood pressure taking and body temperature measurement.

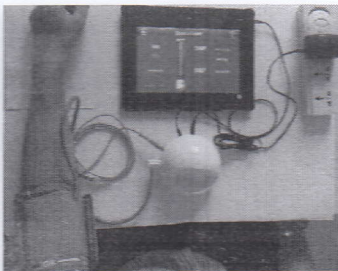
Page 1

Hardware

1. Hardware Components

	Main Unit. It contains the jack to connect power, upper arm type cuff, temperature sensor and Audio cable for IOS device.
	Upper arm type cuff
	Power
	Android Device (smart phone or pad, etc). NOT included in our release.
	Audio cable to connect IOS Device.

2. Connection



Page 4

3. Measure Blood Pressure & Temperature



Start to measure parameters, you can measure blood pressure or temperature.

4. History Data Browse with Diagram

Refer the figure, the history data can display bar mode.



5. History Data List

Refer the figure, the history data can list.

Page 7

Maintenance

To protect the device, please pay attention on the following items:

- ❖ DO NOT use other power supply
- ❖ DO NOT wash it by water
- ❖ DO NOT exposed to sunlight directly
- ❖ DO NOT split, drop and shock

Specification

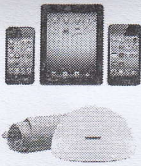
Name	Smart Blood Pressure Device
Model	mHealth-1G
Data Display/Save	The result is shown and saved in Android Device
Measurement Method	Upper Arm
Range	Pressure: 0 ~ 299mmHg (0 ~ 39.9kPa)
	Pulse Rate: 40 ~ 240/min
	Temperature: 0 ~ 55°C
Accuracy	Pressure: -3mmHg ~ +3mmHg (±0.3kPa ~ ±0.5kPa)
	Pulse Rate: -5% ~ +5%
Pressure Increase	Temperature: -0.1°C ~ +0.1°C
	Auto Increase
Pressure Decrease	Auto Decrease
	Auto Air Out Quickly
Pressure measurement method	Oscillographic Determination
Temperature measurement method	NTC Temperature Sensor
Power	AC(80~220V)
Using Temperature	+10°C~+40°C, 30%~85%RH
Save Temperature	-20°C~+60°C, 10%~95%RH
Weight	220g
Main Unit Size	110mm*110mm*70mm
Cuff Size	145mm x 446mm
	Length: 600mm
CuFF Circumference	220mm ~ 320mm
Release Contents	Main Unit, Cuff, Temperature Sensor
	Power and User guider

Notes: NO special notification if there is any change for above parameters.

Page 6

Smart Blood Pressure Device

-For iOS System



Hints On Measurement

- ❖ Rest for five minutes before taking your blood pressure
- ❖ Take your blood pressure when relaxed in a quiet room
- ❖ Do not move during taking your blood pressure
- ❖ Since exercise, eating, drinking and smoking affect blood pressure readings. Please avoid these activities before taking your blood pressure
- ❖ Measure each day at the same time and under the same conditions.
- ❖ The same arm shall be used for each measurement.
- ❖ Generally, blood pressure will be varied over the whole day. It is low at the morning, and increases from afternoon to evening. Blood pressure is lower in summer and higher in winter.

Content

- Introduction
- Feature
- Notes
- Hardware
- Hints On Measurement
- Install app and Connect
- Software Usage
- Maintenance
- Specification

Install app and Connect

- Search iHealthDock application in App Store and Install it.



- Use audio cable, one side to iOS device, one side to mHealth.

Software Usage

1. Main UI

There are three different display areas:

- (1) Top area is status. It show user name selected and status of hardware connect.



- (2) Middle area shows five type physiological parameters: NIBP, Temperature, SPO2, Weight, GIU. Now hardware only supports NIBP & temperature.



User can scroll middle area to select different parameter. Click parameters icon to enter mode measured.

- (3) Bottom area show function to physiological parameter selected.

	Add new user, delete/edit the exist user
	Manually input data
	History data browse with diagram
	History data list, delete
	Select language and chang unit.