

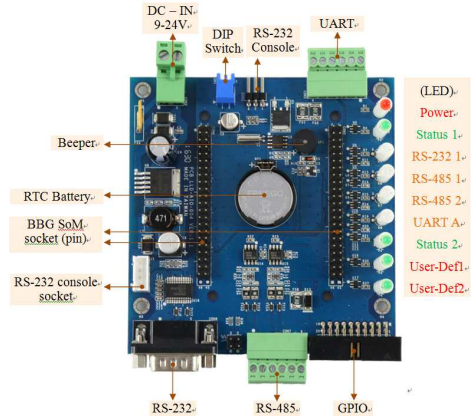
LLD-AIO-004 Quick Installation Guide (ver 1.1)

1. LLD-AIO-004 Product Introduction

Package contents

- ◇ BeagleBone Green x 1
- ◇ LLD-AIO-004 Cape x 1
- ◇ LLD-AIO-004 Dedicated wire x 1
- ◇ LLD-console wire x 1
- ◇ Terminal block : 2pin x 1 , 6pin x 2
- ◇ Screw : 3x5mm x 8
- ◇ Copper pillars : male-female(long) x 4
- ◇ male-male(short) x 4
- ◇ LLD-AIO-004 Quick Installation Guide x 1

LLD-AIO-004 Cape Product Exterior



2. First Wiring

- Environmental Requirements
 - > LLD-AIO-004 * 1 (Contain BeagleBone Green SoM board)
 - > One computer
 - > One DC 12 or 24 @ 1A Power converter
 - > Network cable
 - > USB to RS-232 cable
 - > LLD-AIO-004 Dedicated wire (Collocate with LLD-AIO-004 Dedicated wire) (Not necessary)

Notice

- ◇ **BeagleBone Green SoM**
Connect the LLD-AIO-004 Dedicated wire with BBG console
As shown below:



Connection should pay attention to the order from Right to Left for Black, White and Green.

- ◇ **Connect with the LLD-AIO-004 Cape**

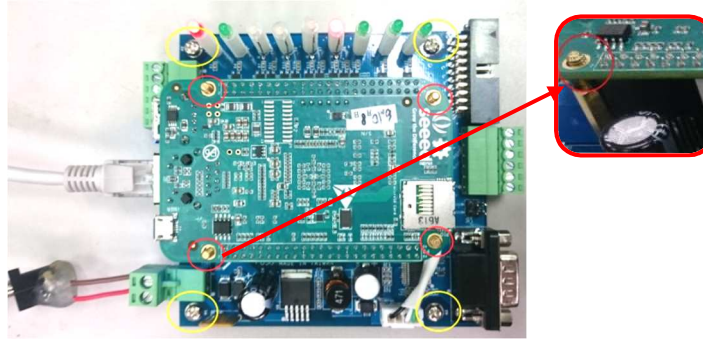


This wire provides Mistake-proofing protection. Please note not to force connection.

- Connect BBG SoM and LLD-AIO-004 Cape
Full board situation shown as follow:

Description :

Four copper pillars in the red circle is for mistake-proofing protection. Please lock the copper pillars then connect the BBG SoM and LLD-AIO-004 Cape.
Four Screws in the yellow circle is for elevating the LLD-AIO-004. Avoid short circuit on the board.



Power Input

Working voltage input : DC Range : 9-24V
5.00mm Terminal block

PIN	Signal
1	DC+
2	GND

Do use the power input in Cape to avoid any function couldn't be properly used

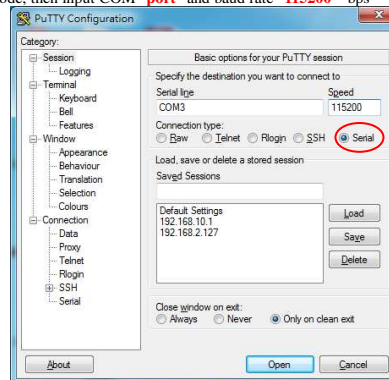
3. Console Login Mode:

Connection is as follows:

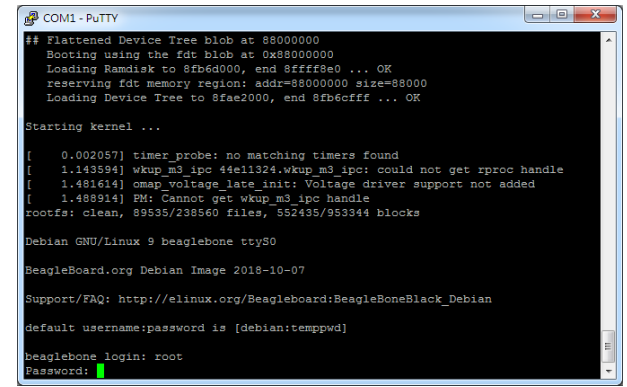


Connection should pay attention to the order from Left to Right for Green, white and black. After connecting to the power supply, please confirm whether the power indicator LED is flashing (ref. red circle)

Open a terminal utility, putty. (<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>)
Set to "serial" mode, then input COM "port" and baud rate "115200" bps



- Login Default Account & Password : **root & root**



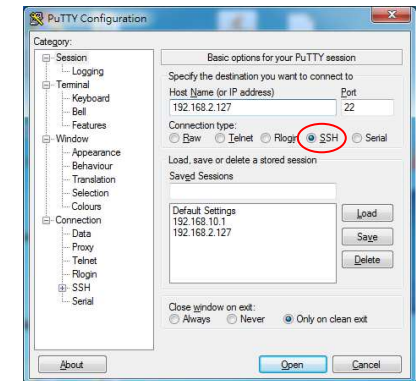
4. Internet Connection Login Mode

Connection is as follows:



After connecting to the Internet and power supply. Please confirm whether the power indicator LED and network indicator light are flashing (ref. red circle)

Open a terminal utility, putty and set to "SSH" mode



- LLD-AIO-004 Default IP : **unknown** (in DHCP mode)
if user didn't know the assigned IP address, please use the "Console Login Mode" to get the LLD-AIO-004's networking information.

- LLD-AIO-004 Default ID & Password : **debian & tempwd**

