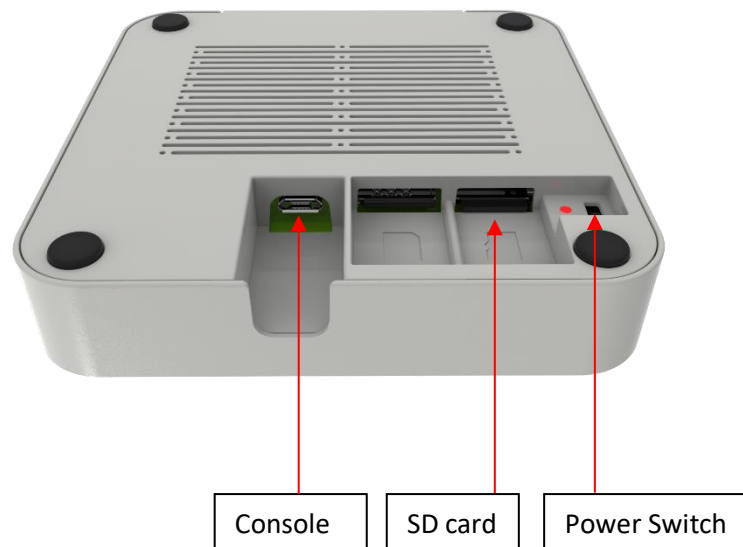# IoT-Box
Quick Start Guide

Quick Start

Follow these instructions to start using your IoT-Box:

1. Download the IoT-Box Debian image from http://www.shiratech-solutions.com/products/iot-box/.

2. Extract the file and flash the image to an SD card (using Win32DiskImager or any other similar tool).

3. Insert the SD card to the IoT-Box.

| Console | SD card | Power Switch |

4. Connect the IoT-Box to your PC using a micro USB cable via the Console micro USB connector and turn the power switch on.

5. Connect to the IoT-Box via the serial interface (using TeraTerm/Putty or any similar tool) with a 115200 baud rate.

6. Type:

    ~$: nmtui

    to launch the wifi settings and connect to wifi. Once wifi connection has been established you may update and upgrade the Debian OS using:

    ~$: sudo apt-get update

    ~$: sudo apt-get upgrade

7. Test Bluetooth connectivity using the following commands:

    ~$: hciconfig

    ~$: hciconfig hci0 up

    ~$: hcitool scan

8. In /usr/shiratech/azure_demo folder you will find an Azure IoTC connectivity demo application. In order to run the demo, you may refer to the readme file located in this folder.

9. /usr/shiratech/SPI/ contains the leds.sh test script:

    ./leds.sh red – lights up the LED's in red. (green/blue/off also apply).

    ./leds.sh – (without a parameter) will print the leds.sh script usage instructions.

10. /usr/shiratech/BG96/ contains test scripts for the BG96 modem.