

<1> Introduction

LinkSquare is Stratio's low-cost, handheld, smartphone-compatible spectrometer.

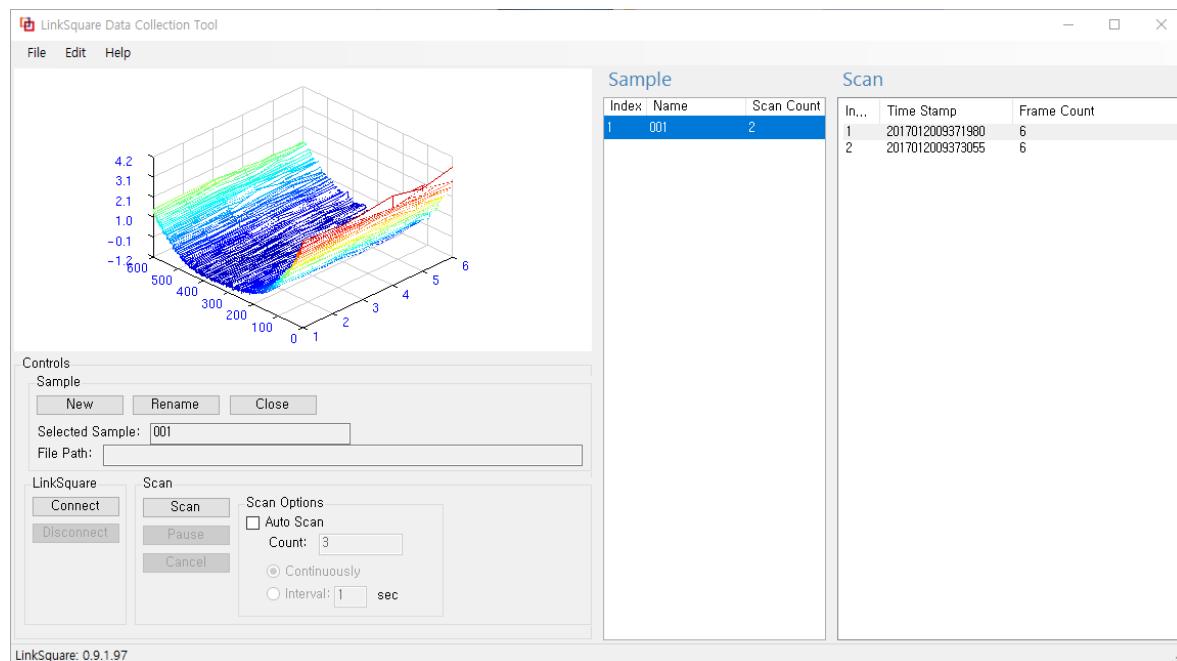
LinkSquare analyzes an object's response to light in order to determine the "spectral signature" of the object, and identify the object or reveal information about its composition that cannot be seen with the naked eye.

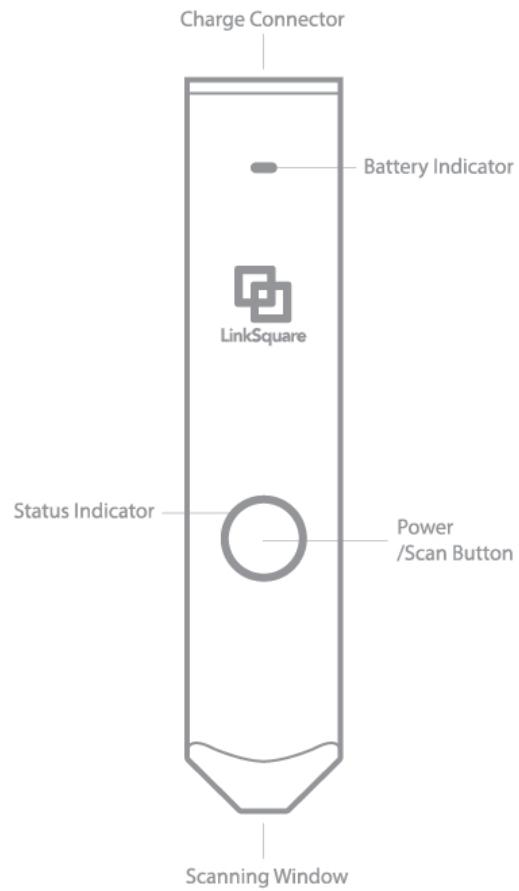
<2> Production Specification

Product Name	LinkSquare
Model	LinkSquare1
Power Input	Micro USB Power / 5V
Controller	CC3200MOD(ARM Cortex-M4 Core at 80 MHz)
Wi-Fi	IEEE802.11b/g
Battery	720mAh / 3.7V
Size	24mm x 114mm x 24mm (L x W x H)
Weight	57g

<3> Steps for the normal sample test

- 1) Charge LinkSquare device. It is possible to operate LinkSquare device while charging, but it is recommended to charge the device at least an hour if the battery was totally depleted.
- 2) The micro USB port does not support data transfer.
- 3) Press power/scan button for 5 second or more, then status indicator leds with green is going to be blink.
- 4) Clink "FF00XX" or "DV00XX" on the Wi-Fi list to connect LinkSquare device (Initial Password : "00000000").
- 5) Install "LSDCTool" and run.
- 6) Click "New" button, and write the name of file, then "OK".
- 7) Clink "Connect" button.
- 8) Click "Scan" button, then getting spectrum data like the figure below.





FCC Compliance 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 Interference Statement

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 correct the interference by one 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 which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.