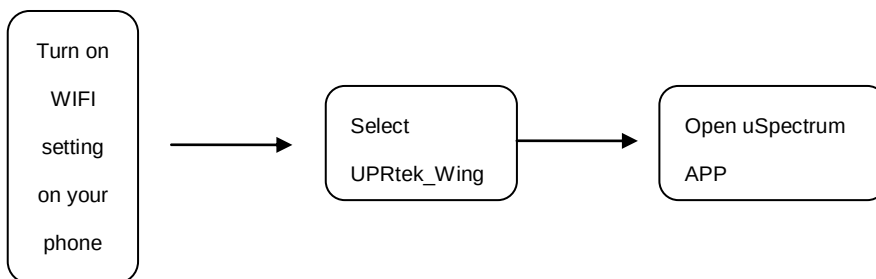


HOW TO USE THE WING WIFI CARD FOR USPECTRUM APP WIRELESS MEASUREMENT?

UPRtek Handheld Spectrometer specific edition provides Wing WiFi SD card accessories, users can use your smart device through App Store or Google Play applications for wireless measurement.

1. Wireless connection steps

1. Turn on WiFi setting on your phone.
2. Select UPRtek_Wing for internet connection
3. Open the downloaded uSpectrum APP to complete the connection.



2. Introduction

The Kcard is two-in-one SD and wireless combined single card to give DSC or Camcorder users the compatible storage and wireless LAN solution. The Kcard integrates IEEE 802.11b/g/n Wireless standard. The device can be accessed under AP and Client mode via wireless local network, take advantage of APP in the Apple iOS or Android system. The Storage plus WLAN combo card supports Wireless and MicroSD SDHC storage functions for electronic devices such as DSC, DV-CAM, PND and Electronic dictionary.

3. Features

Wireless General Architecture

- IEEE Standard 802.11 b/g/n compliant
- Advanced 1x1 802.11n features
- Frequency Band: 2.4GHz
- Host Interface: SD2.0 and SDHC card reader for micro SD card
- Lowest power consumption with near zero in idle/standby modes
- RoHS compliant

Microprocessor and General Architecture

- High performance ARM926EJ-S with clock rate of 200MHz

SD Compatible with microSD

- Work with 4GB, 8GB, 16GB, and 32GB microSD card

System Management

- Little Endian format support
- System operating clock generation
- Power management

Operational Condition

- IO Voltage: 2.8 ~ 3.3V, Compliant with SD card Supply Voltage Specification

Operation Temperature: -20 ~ +70 °C

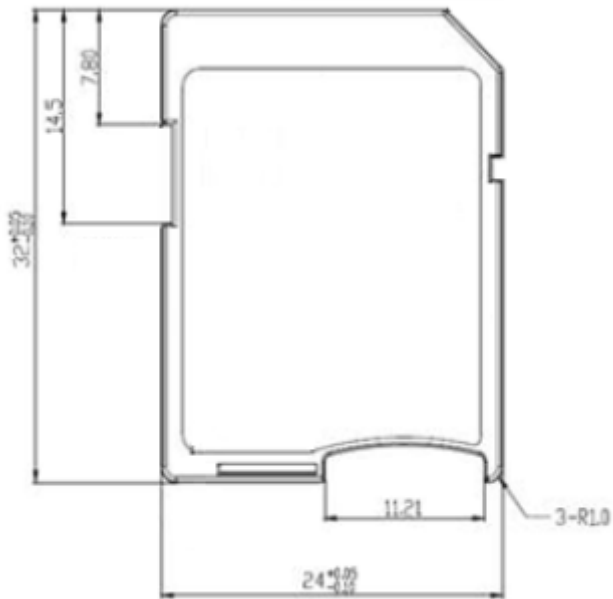
- BSP Availability
- Linux 2.6.32

4. Application

- Strong presence in UPRtek spectrometers.
- APP support, for both Apple iOS or Android system

5. Mechanical Specification

5.1 Converts microSD to SD specification



MicroSD Capacities 4GB, 8GB, 16GB and 32GB.

MicroSD card dimensions 11mm x 15mm x 1mm.

Brand new MicroSD/TransFlash TF to SD card adaptor converter

Convert TransFlash, MicroSD memory card to Wireless LAN SD card.

The adapter converts MircoSD to Wireless LAN SD card .

FCC

15.19

- 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.

15.105

- 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.

Antenna

- This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Others

- Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.
- For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible

MPE

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC

RSS-Gen Issue 4 8.4

- This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Antenna

- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil et son antenne (s) ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou émetteur.

Mobile device

- This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Appareil mobile

- Cet équipement est conforme aux limites d'exposition à la radiation de l'ISED définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.