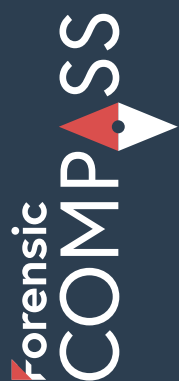




Technical Specification

Portable handheld Wi-Fi survey tool with on-board GPS which can identify and locate a Wi-Fi network of interest as well as measuring coverage. FC Wi-Fi can determine the unique BSSID (radio MAC) when this is not available from a router download. FC Wi-Fi is easy to use and offers convenient outdoor and indoor survey modes. Surveys are recorded and stored in a forensically-sound manner and are easily extracted by the user.



Device

Samsung Galaxy Note 4

Wi-Fi Bands

Supports: 802.11 a/b/g/n/ac Wi-Fi networks

Bands Available: 2.4 GHz and 5 GHz

Facilities

Monitor Mode allows scanning to ensure network service is available prior to logging

Continuous Survey Mode enables a convenient start/stop approach to log survey data

Multi-Point Survey Mode allows the user to simply tag the survey data to correlate with defined survey points during an indoor survey

Configuring alarms on BSSID and SSID quickly alerts the user to the presence of a target network identifier

Automatic File Hashing helps ensure the integrity of all logged data

Backup and restore feature to ensure survey data is not lost

Data Recorded

Date

Time

Location (GPS with number of satellites or multipoint tag)

Mode

Wi-Fi specific data: BSSID, SSID, Channel, RSSI, Security

Output Data

Data is immediately viewable on the handset and stored as standard csv files ready for analysis and mapping

For cellular survey capability, please refer to FC Cellular
