



## SNYPER-LTE Graphyte (EU) V1/V2

4G/LTE, 3G/UMTS & 2G/GSM Signal Analyser & Datalogger with liveSCAN

### General Description

The SNYPER-LTE Graphyte (EU) is a high performance, multi-language network signal analyser and cellular signal logger, dedicated to surveying and logging the 4G/LTE (EU), 3G/UMTS & 2G/GSM European networks.

The unit can be left to conduct sequential surveys in a fixed location and automatically save them. Four types of survey can be performed: a "FULL" survey (4G, 3G and 2G), 4G/LTE only, 3G/UMTS only & 2G/GSM only.

SNYPER-LTE Graphyte (EU) can save multiple surveys each with different logging options. All survey results can be downloaded to a PC and displayed in a HTML graphical format to clearly show the logged detail over the survey session. This can identify unreliable base-stations & intermittent cellular service which is not possible with spot surveys. The full breakdown for the HTML summary graphs are displayed in corresponding CSV files.

The SNYPER-LTE Graphyte (EU) also incorporates Siretta's leading liveSCAN feature, which allows you to select a base-station signal immediately after a survey, conduct a liveSCAN logging session which can later be analysed in a CSV logged recording.

The SNYPER-LTE Graphyte (EU) is compatible with Siretta's [CloudSURVEY](#) integrated mapping portal (registration required).



\* Neither SNYPER-LTE Graphyte (EU) V1 nor SNYPER-LTE Graphyte (EU) V2 require a SIM in order to function.

### Features

|                |                |                  |                |                    |                     |                    |                  |                  |
|----------------|----------------|------------------|----------------|--------------------|---------------------|--------------------|------------------|------------------|
| 2G<br>GSM      | 3G<br>UMTS     | 4G<br>LTE        | EU<br>Coverage | SIM<br>Free        | GEAR<br>Accessories | HARD<br>Carry Case |                  |                  |
| USB<br>Power   | USB<br>Serial  | HTML<br>Reports  | CSV<br>Reports | LOG<br>Surveys     | LIVE<br>SCAN Logs   | AUTO<br>SAVE Logs  | RTC<br>Timestamp | MAP<br>Portal    |
| TFT<br>Display | 2Ah<br>Battery | Win<br>Linux/Mac | MNO<br>Summary | SAVE<br>84 Surveys | MULTI<br>Language   | SCAN<br>Realtime   | P2P<br>Alignment | -10<br>+50 deg C |

### Featured Applications

- » Enhanced cellular surveying & sequential logging of new and existing installations on 4G/3G/2G networks
- » User selectable logging options to determine most reliable mobile operator
- » Evaluate MNO's performance over time
- » Determine "hotspots" & assist with antenna alignment with liveSCAN
- » CSV & graphical HTML survey reports
- » Saves up to 84 single cycle surveys
- » Saves LiveSCAN logs
- » Integrated Mapping Portal enabled (registration required)

SNYPER LTE- Graphyte (EU) V1/V2  
Save up to 84 surveys



USB Connection  
Download CSV & HTML Files

Downloaded HTML Survey Results





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4G/LTE, 3G/UMTS & 2G/GSM Signal Analyser & Datalogger with liveSCAN

### General Features

- » SNYPER-LTE Graphyte (EU) V1
  - » 5 Supported Bands LTE  
B1(2100) / B3(1800) / B7(2600) / B8(900) / B20(800) MHz
  - » 2 Supported Bands UMTS/HSPA+  
B8(900) / B1(2100) MHz
  - » 2 Supported Bands GSM | GPRS  
B8(900) / B3(1800) MHz
- » SNYPER-LTE Graphyte (EU) V2
  - » 6 Supported Bands LTE  
B1(2100) / B3(1800) / B7(2600) / B8(900) / B20(800) / B28A(700) MHz
  - » 3 Supported Bands UMTS/HSPA+  
B8(900) / B1(2100) / B3(1800) MHz
  - » 2 Supported Bands GSM | GPRS  
B8(900) / B3(1800) MHz
- » Black antenna for 700MHz to 2300MHz
- » Grey antenna for 2600MHz
- » Directional antenna with 1.5m extension cable
- » Large easy to read LCD display
- » Logical menus and operation
- » Long life rechargeable battery
- » USB cable for PC connection and power/charging
- » USB car charger included
- » Rugged and durable construction
- » Supplied in a hard carrycase
- » Multiple language support  
(English/French/German/Italian/Spanish)
- » 3 result modes  
Standard/Advanced/Engineer

### Interfaces

- » 1 x USB 2.0 FS (12 Mbits/s) for PC interface and for battery charging
- » 1 x SMA female cellular antenna connector
- » 1 x SIM card reader (push-push) 3V, 1.8V
- » Red LED charging indicator
- » Display: 2.4" Diagonal QVGA 240 x 320 RGB TFT with LED backlight
- » Display: 80 degree viewing angle
- » Display Brightness: 500md/m2

### Approvals and Compliance

- » CE

### Power Supply

- » Mains Input: 100-240V 50/60Hz
- » Multi-region Heads: UK / EU /US / AU
- » Charger O/P: 5V DC 2000mA

### Environmental

- » Dimensions  
SNYPER: 141mm x 76mm x 36mm  
Compact antenna: 78mm x 11mm  
Directional antenna: 167mm x 173mm x 27mm
- » Weight  
Without antenna: 200 grams  
With supplied compact antenna: 207 grams
- » Operating Temperature Range: -10 to +50 deg C
- » Storage Temperature Range: -20 to +50 deg C
- » Operating Humidity Range: 20 to 85% RH Non-condensing
- » Battery: Lithium Ion 3.7V, 2000mAh
- » Life: 48 hours based on 20 surveys /day at room temperature with auto power off enabled





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### Reporting

#### Survey Logging

(see User Manual for multi-cycle survey storage)

- » Select survey sessions from 1 to 500 sequential recorded surveys
- » Select back-to-back or time lapsed sequential survey recording
- » Calculate seen percentages and signal averages for entire surveyed session

#### HTML Reporting

- » Graphical display ordered by signal strength
- » Complete summary breakdown for all recorded cells
- » Recorded survey date and time
- » Integrated mapping portal enabled (registration required)

#### CSV Reporting

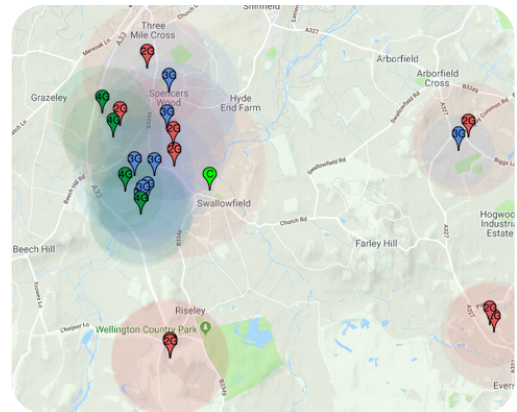
- » Complete survey breakdown for each recorded cell

#### liveSCAN Reporting and Logging

- » Real-time graphical display on SNYPER screen
- » Highlight cellular hotspots and optimised antenna alignment using real-time graph peaks for selected network
- » Record timestamped liveSCAN readings in real time directly to CSV file
- » Recorded time elapsed and signal strength in percentage, RSSI and dBm for chosen cell site

### Ordering Information

- » SNYPER-LTE Graphyte (EU) V1: Stock Code: 60596
- » SNYPER-LTE Graphyte (EU) V2: Stock Code: 61764



Integrated mapping portal (registration required)



Portable carrycase