

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

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



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

### 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).

### Features

2G GSM	3G UMTS	4G LTE	EU Coverage						
USB Power	USB Serial	HTML Reports	CSV Reports	LOG Surveys	LIVE SCAN Logs	AUTO SAVE Logs	RTC Timestamp	MAP Portal	
TFT Display	2Ah Battery	Win Linux/Mac	MNO Summary	SAVE 84 Surveys	MULTI Language	SCAN Realtime	P2P Alignment	-10 +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



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

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### 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





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

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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

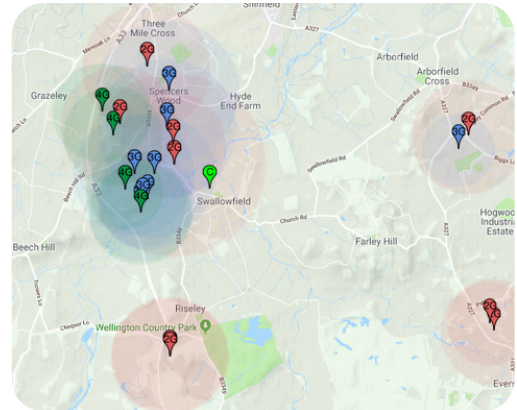
- » Graphical display ordered by signal strength
- » Complete summary breakdown for all recorded cells
- » Recorded survey date and time
- » Integrated mapping portal enabled (registration required)

#### 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



Integrated mapping portal (registration required)



Portable carrycase

### Ordering Information

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