



SNYPER-IoT Graphyte (GL)

LTE-M, NB-IoT, & 2G/GSM Signal Analyser & Datalogger

General Description



The SNYPER-IoT Graphyte (GL) is a high performance, multi-language network signal analyser and cellular signal logger, dedicated to surveying the LTE-M, NB-IoT & 2G/GSM 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 (LTE-M, NB-IoT and 2G), LTE-M only, NB-IoT only & 2G/GSM only.

Network operator, signal strength and other unique cell parameters are measured and recorded with every survey cycle. Surveys can be chosen to be a single cycle or multiple cycles. Multi-cycle surveys can identify unreliable base-stations & intermittent cellular service which is not possible with single surveys.

SNYPER-IoT Graphyte (GL) can typically save 10,000 single cycle surveys onto the internal solid-state memory! Results may be downloaded using a USB-C connection to a PC in CSV or HTML formats. This allows users to analyse the collected cell data in a spreadsheet or a web browser to make informed decisions.

The powerful SNYPER-IoT Graphyte (GL) summary page displays the relative signal levels and operators of all the cells discovered allowing the user to determine most suitable mobile network operator available.

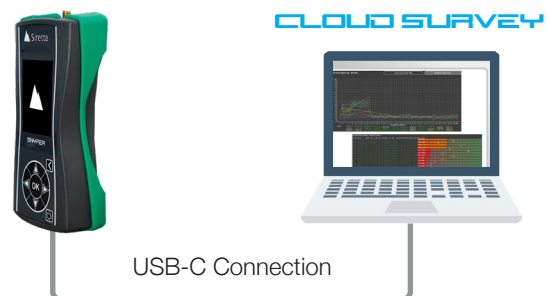
The SNYPER-IoT Graphyte (GL) can also be used to help establish optimum antenna placement and perform local site surveys.

Features

2G GSM	3.7ah Battery	AUTO Setup	Tripod Clip	CSV Reports	Cloud SURVEY	GEAR Accessories	HARD Carry Case	HTML Reports	Infinite Surveys
LIVE SCAN Logs	LOG Surveys	LTE NB-IoT	MNO Summary	MULTI Language	P2P Alignment	RTC Timestamp	SCAN Realtime	SIM Free	TFT Display
USB C Connector	USB Power	Win Linux/Mac	WW Global	LTE M					

Featured Applications

- » Enhanced cellular surveying of new and existing installations on LTE-M, NB-IoT & 2G/GSM.
- » Establish most suitable network operator for the application.
- » Determine optimum antenna placement.
- » Evaluate the "preferred" network operators performance.
- » Results are reported in CSV & graphical HTML format.





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General Features

- » 18 Supported Bands LTE-M (MHz):
 - » B1 (2100) / B2 (1900) / B3 (1800) / B4 (1700) / B5 (850) / B8 (900) / B12 (700) / B13 (700) / B14 (700) / B18 (850) / B19 (850) / B20 (800) / B25 (1900) / B26 (850) / B27 (800) / B28 (700) / B66 (1700) / B85 (700)
- » 17 Supported Bands NB-IoT (MHz):
 - » B1 (2100) / B2 (1900) / B3 (1800) / B4 (1700) / B5 (850) / B8 (900) / B12 (700) / B13 (700) / B18 (850) / B19 (850) / B20 (800) / B25 (1900) / B26 (850) / B28 (700) / B66 (1700) / B71 (600) / B85 (700)
- » 4 Supported Bands GSM / EGPRS (MHz):
 - » B2 (1900) / B3 (1800) / B5 (850) / B8 (900)
- » View signal strength and cell parameters
- » 480 x 640 colour TFT display
- » Logical menus and operation
- » Long life rechargeable battery
- » USB-C cable for PC connection and power/charging
- » USB-C download of device results to PC
- » Rugged and durable construction
- » Integrated belt clip
- » Supplied with a hard carrycase for device and accessories:
- » Multiple language support
- » (English/French/German/Italian/Spanish)

Interfaces

- » 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 VGA 480 x 640 RGB TFT with LED backlight
- » Display: 80 degree viewing angle
- » Display Brightness: 700md/m2

Recommended Power Supply

- » Mains Input: 100-240V 50/60Hz
- » USB A Charger O/P: 5V DC 2000mA

Supplied Accessories

- » Antenna (600 MHz - 3800 MHz)
- » Male USB-A to Female USB-C adaptor

- » 2 M USB-C 2.0 for PC interface and for battery charging
- » Mini Tripod
- » Mounting Adaptor for Mini Tripod
- » LiveSCAN Antenna
- » 1.5m LiveSCAN Low Loss cable

Environmental

Dimensions

- » SNYPER: 141mm x 76mm x 36mm
- » Weight without antenna: 243 grams
- » Operating Temperature Range: -10 to +60 deg C
- » Operating Humidity Range: 25 to 85% RH Non-condensing
- » Battery: Lithium Ion 3.7V, 3700mAh

Reporting

HTML Reporting

- » Graphical display ordered by signal strength
- » Complete summary breakdown for all recorded cells
- » Recorded survey date and time
- » Access to Siretta's [CloudSURVEY](#) portal for storing and viewing surveys (Registration Required)

CSV Reporting

- » Complete survey breakdown for each recorded cell
- » Spreadsheet format allows for easy analysis

Approvals and Compliance

- » UKCA
- » CE
- » FCC
- » RoHS

Model Available

SNYPER-IoT Graphyte (GL) Network Signal Analyser
& Data Logger with Accessories and Hard Carry Case:

Stock Code: 62097