Siretta

Enabling Industrial IoT

SNYPER-LTE Spectrum (EU)
4G/LTE, 3G/UMTS & 2G/GSM Network Signal Analyser with liveSCAN

General Description

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

The SNYPER-LTE Spectrum (EU) can save multiple surveys locally in memory and incorporates Siretta's leading liveSCAN feature which allows you to perform real time graphical site surveys on the full colour SNYPER display.*

The SNYPER-LTE Spectrum is supplied with an omni-directional antenna to detect "hotspots" in buildings and perform site surveys and also includes a directional antenna kit to perform point-to-point antenna alignment.

The SNYPER can survey the local network and display results from all discovered cellular cell towers observed in the area. Results are ordered from highest to lowest "visible" base-station signal and the key network parameters of each are displayed.

*SNYPER-LTE Spectrum (EU) requires an active SIM to operate correctly

Features

2G GSM	**3G** UMTS	**4G** LTE	**EU** Coverage
USB Power	**USB** Serial	**HTML** Reports	**CSV** Reports
MAP Portal			

TFT Display	**2Ah** Battery	**Win** Linux/Mac	**MNO** Summary	**SAVE** 50 Surveys	**MULTI** Language	**SCAN** Realtime	**P2P** Alignment	**-10** +50 deg C

Featured Applications

- » Enhanced cellular surveying of new and existing installations on 4G, 3G and 2G networks
- » Establish most suitable operator for application
- » Evaluate your "preferred" MNO's performance
- » Determines "hotspots", & assists with antenna alignment, through Siretta's liveSCAN feature
- » Results are reported in CSV & graphical HTML format

SNYPER-LTE Spectrum (EU)
Save up to 50 surveys

Downloaded HTML Survey Results

USB Connection
Download CSV & HTML Files

Rev 1.0

General Features

- » 3 Supported Bands LTE:
- » 800/1800/2600Mhz
- » 2 Supported Bands UMTS/HSPA+: 900/2100 MHz
- » 4 Supported Bands GSM | GPRS: 850/900/1800/1900MHz
- » Blue antenna for 700MHz to 2300 MHz
- » Silver/Grey Antenna for 2600MHz
- » Directional Antenna for 2G,3G, 4G coverage with 1.5m extension cable
- » Large easy to read LCD display
- » Requires 4G activated SIM for operation
- » Logical menus and operation
- » Long life rechargeable battery
- » USB battery charger included
- » USB car charger included
- » Rugged and durable construction
- » Supplied in a hard carry case
- » 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

Power Supply

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

Approvals and Compliance

- » CE

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
- » Battery: 12 hours continuous use for liveSCAN
- » Life: 48 hours based on 20 surveys /day at room temperature with auto power off enabled
- » Warm up time: 2s

Reporting

HTML Reporting

- » Graphical display ordered by signal strength
- » Listing of advanced cellular parameters
- » 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
- » Listing of advanced cellular parameters

liveSCAN Reporting

- » Real-time graphical display on SNYPER screen
- » Highlight cellular hotspots and optimised antenna alignment using real-time graph peaks for selected network