



SNYPER-3G Spectrum

3G/UMTS & 2G/GSM Network Signal Analyser with liveSCAN



General Description

The SNYPER-3G Spectrum is a high performance network signal analyser dedicated to surveying the global 3G/UMTS & 2G/GSM cellular networks. The unit does not require a SIM and incorporates a number of unique features.

The Spectrum 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-3G 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.

*liveSCAN requires an active SIM to operate correctly

Features

2G GSM	3G UMTS	GL Coverage						
USB Power	USB Serial	HTML Reports	CSV Reports	MAP Portal				
TFT Display	2Ah Battery	Win Linux/Mac	MNO Summary	SAVE 50 Surveys	SIM Free	SCAN Realtime	P2P Alignment	-10 +50 deg C

Featured Applications

- » Enhanced cellular surveying of new and existing installations on 3G and 2G networks
- » Establish most suitable operator for application
- » Perform liveSCAN on selected base-station result
- » Use to establish "hotspots" and assist with antenna alignment
- » Results are reported in CSV & graphical HTML format

SNYPER-3G Spectrum
Save up to 50 surveys



Downloaded HTML Survey Results



USB Connection
Download CSV & HTML Files



SNYPER-3G Spectrum

3G/UMTS & 2G/GSM Network Signal Analyser with liveSCAN

General Features

- » 4 Supported Bands GSM | GPRS:
850/900/1800/1900MHz
- » 2 Supported Bands UMTS/HSPA+:
800/850/900/AWS 1700/1900/2100 MHz
- » Large easy to read LCD display
- » Operates without SIM for surveys
- » Requires SIM for liveSCAN
- » Logical menus and operation
- » Long life rechargeable battery
- » USB battery charger included
- » Rugged and durable construction
- » Supplied in a hard carry case

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 – required for liveSCAN function
- » 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
Antenna: 78mm x 11mm
- » Weight
Without antenna: 200 grams
With supplied 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