



## SNYPER-3G

### 3G/UMTS & 2G/GSM Network Signal Analyser



#### General Description

The SNYPER-3G 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 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.

The powerful SNYPER summary page displays percentage thresholds to determine the most suitable mobile network operator available and the performance of a "preferred" MNO can be evaluated against the other networks.

The SNYPER can also be used to help establish optimum antenna placement and perform local site surveys.

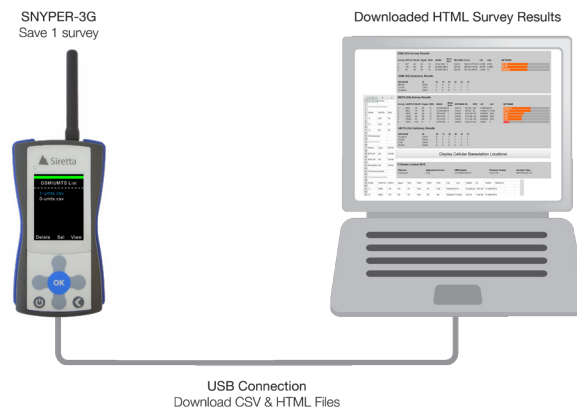
In summary the SNYPER-3G is an invaluable tool for saving time in surveying and commissioning of wireless systems.

#### Features



#### Featured Applications

- » Enhanced cellular surveying of new and existing installations on 3G and 2G networks
- » Establish most suitable operator for application
- » Evaluate your "preferred" MNO's performance
- » Determine optimum antenna placement
- » Results can be downloaded and analysed on a PC





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#### General Features

- » 4 Supported Bands GSM | GPRS:  
850/900/1800/1900MHz
- » 5 Supported Bands UMTS/HSPA+:  
800/850/900/AWS 1700/1900/2100 MHz
- » Large easy to read LCD display
- » Operates without SIM
- » 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 (Unused on this model)
- » 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
- » 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