



### Key Features

- 2G / GPRS and 3G / UMTS coverage
- Summary feature for consolidated view of network data
- 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 carrying case

### General Description

The SNYPER is a high performance signal and network analyser for the 2G / GPRS and 3G / UMTS networks, with a host of important features for the busy engineer and installer. Building on our many years of signal tester experience, the new SNYPER utilises the same design platform used in our advanced wireless terminals to provide market leading performance and functionality, at a highly competitive price.

Used as an invaluable tool for the surveying and commissioning of wireless systems, the SNYPER can perform a number of different functions to determine optimum antenna placement, performance of existing installations or choice of network operator. As an example, the SNYPER can determine the strength of a particular network signal, or can review all available network signals in the area of use, and rank these in order of strength through its summary page. The summary page is an incredibly powerful feature allowing network operator choice to be made based on both signal strength and number of usable cells, with all data visible concurrently.

The SNYPER also has a number of signal strength thresholds within the summary page, providing a more concise view where only signals above a certain dB level are of interest.

The menus and operation of the SNYPER have been designed to be as logical and intuitive as possible, making the unit very simple to use. A large high contrast LCD display ensures that all information is clearly visible, and allows for the presentation of considerable data at the same time. The SNYPER also allows for considerable customisation of settings including automatic power off, charging rate, sound, and display colour and contrast. Operating without the need for a SIM\*, the SNYPER automatically stores the last survey performed, and this remains available for recall and review even after power off, until a new survey is made.

\*The SNYPER family of products has a SIM slot located in the enclosure base which is used for debugging and enhanced network services. It is not required for the standard SNYPER functionality and can be ignored for normal operation.

## SNYPER

### High Performance Cellular Signal and Network Analyser

The SNYPER is supplied with a compact antenna providing excellent performance in combination with the unit. The antenna may also be removed to allow direct connection of an on-site antenna, via SMA connector. This is particularly useful in determining the performance, or optimum network operator, for an existing fixed installation.

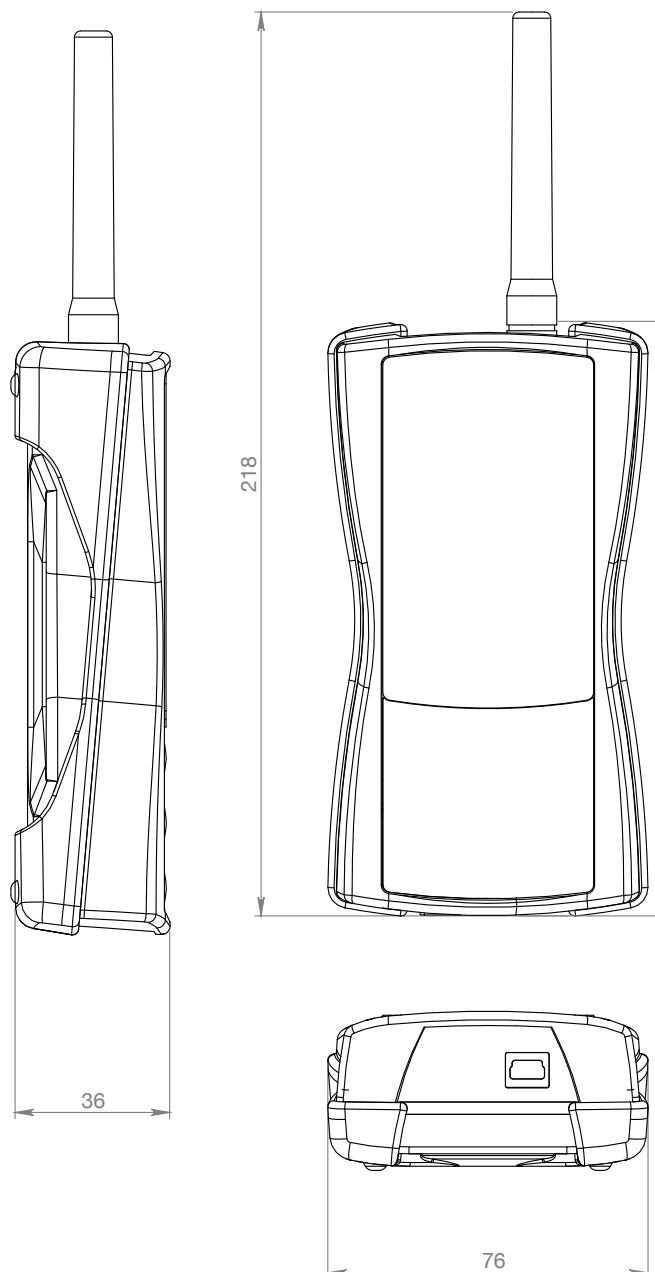
Supplied in its own hard carrying case, the SNYPER is designed for continuous professional use over many years, with the robust enclosure and rubber surround providing additional shock protection. A multi region power supply is also included for charging of the unit through its USB

port. The supplied rechargeable battery allows for up to 48 hours of use between charges, making the SNYPER a highly portable solution. The unit will also automatically power down after a period of inactivity, maximising battery life.

SNYPER Antenna Connector



SNYPER Mini USB Power Connector



## SNYPER Specifications

	SNYPER-2G	SNYPER-3G
2G supported bands:	850, 900, 1800, 1900MHz	850, 900, 1800, 1900MHz
3G supported bands:	X	900, 2100MHz
Dimensions:	141 x 76 x 36mm	141 x 76 x 36mm
Weight:	215g	215g
Antenna dimensions:	78 x 11mm	78 x 11mm
Operating temperature range:	-20 to +75°C	-20 to +75°C
Storage temperature range:	-40 to +85°C	-40 to +85°C
Operating humidity range:	0 to 90% RH non-condensing	0 to 90% RH non-condensing
Antenna connector:	SMA male	SMA male
Display:	2.4" QVGA 320 x 240 RGB TFT	2.4" QVGA 320 x 240 RGB TFT
Battery life:	48 hours normal use*	48 hours normal use*
Battery:	2000mAh	2000mAh
Warm up time:	2s	2s
Mains input:	100 - 240V 50/60Hz	100 - 240V 50/60Hz
Mains connector:	3 pin UK, 2 pin EU, US, AU	3 pin UK, 2 pin EU, US, AU
Charger output:	5V DC 2000mA	5V DC 2000mA
Charger connector:	USB Mini-B	USB Mini-B

\*Based on 20 surveys in each 24 hours with automatic power off enabled