

## SNYPER-3G Prism

Cellular Signal and Network Analyser with Multi Survey Save



### Key Features

- 2G / GPRS and 3G / UMTS coverage
- Measures and displays received signal strength
- Store up to 50 surveys
- USB download of all stored surveys to a PC
- Large easy to read LCD display
- Logical menus and operation
- Long life rechargeable battery, gives up to 48 hours on one charge
- Up to 4 months standby mode
- Supplied in a convenient hard carrying case

### General Description

The SNYPER-3G Prism 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-3G Prism 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-3G Prism 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-3G Prism 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-3G Prism 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 SNYPER-3G Prism has been designed to be as logical as possible, with a simple to use menu and operation system. Provided with a large high contrast LCD display, the SNYPER-3G Prism ensures all the information is clearly visible, and allows the presentation of considerable data at the same time. Operating without the need for a SIM\*, the SNYPER-3G Prism can store up to 50 surveys which can be downloaded via USB to a PC.

The SNYPER-3G Prism is supplied with a compact antenna providing excellent performance in combination with the unit.

\*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.

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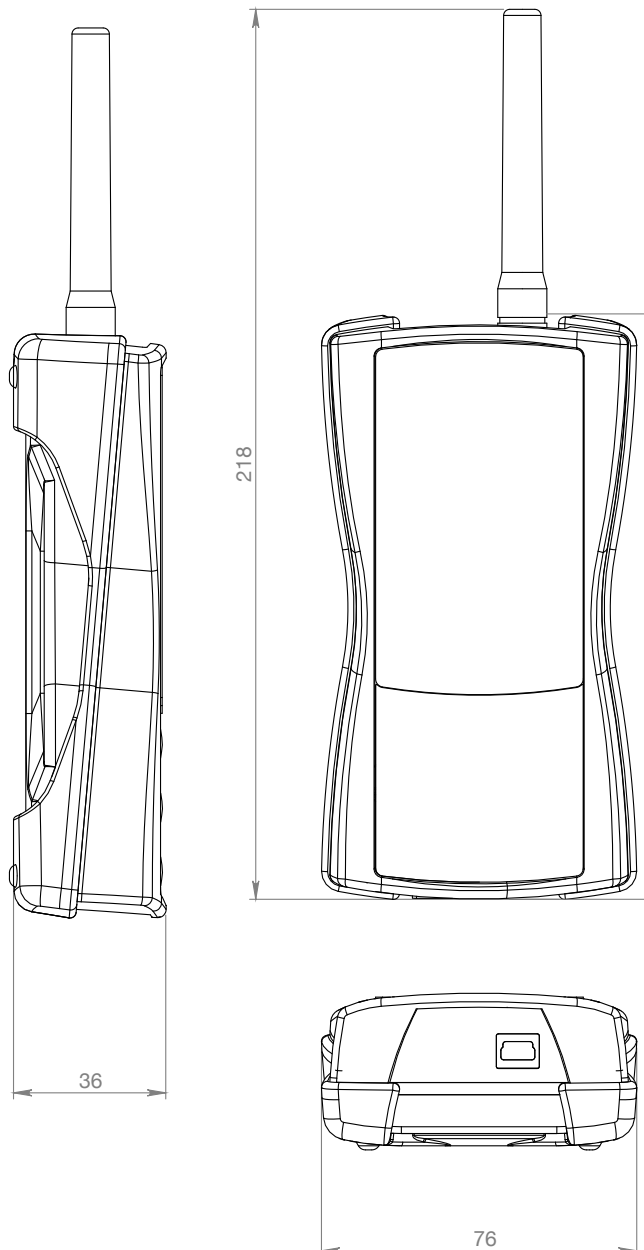
Supplied in its own hard carrying case, the SNYPER-3G Prism is designed for continuous professional use over many years, with the robust enclosure and rubber surround providing additional shock protection. A multi region power supply is also included for charging of the unit through its USB port. The supplied rechargeable

battery allows for up to 48 hours of use between charges and up to 4 months in standby mode. 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-3G Prism

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



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