



Inspired Wireless M2M Technology



liveSCAN Antenna

For use with SNYPER
Spectrum

Quick Start Guide

Rev 1.3



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liveSCAN Antenna

This operation requires an active SIM card to be inserted in the SNYPER-3G Spectrum.

Any SIM card can be used as the liveSCAN will be performed for all networks regardless of the SIM card inserted.

Thank you for purchasing the liveSCAN antenna for use with SNYPER Spectrum 3G cellular signal and network analyser.

The liveSCAN antenna allows you to accurately identify the position of the local network cell sites. In addition to this, you will be able to determine the peak signal strength available in this location from the network cell site.

What's in the Box?

As standard, the liveSCAN antenna kit comes with the following:*

- » 3G directional liveSCAN antenna
- » 1.5M RG58 cable
- » Hard carrying case
- » Quick start guide

*For replacement parts, please contact your Siretta representative or call us on +44 (0)118 976 9014



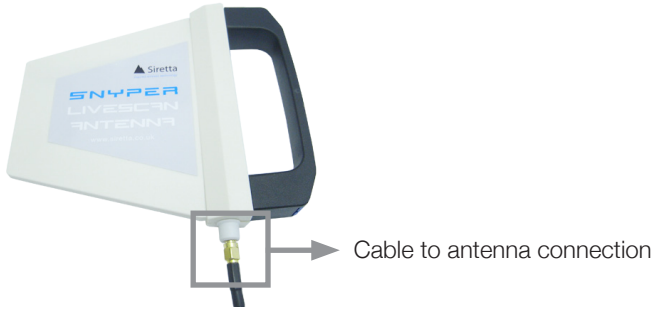
Using the liveSCAN Antenna

To use the liveSCAN antenna, please see the instructions below:

- 1) From the 'Options' menu, set the SNYPER Spectrum to 'ADV: Advanced' and 'Save Settings'. This option enables liveSCAN.
- 2) Perform a network survey and save the results for the location.
- 3) Once the network survey is complete, unscrew the omni-directional stubby antenna from the SNYPER Spectrum (this is the antenna supplied with the SNYPER Spectrum as standard).



- 4) Unpack the liveSCAN antenna kit. Attach one end of the included cable to the liveSCAN antenna connector. Ensure cable is screwed firmly in place.

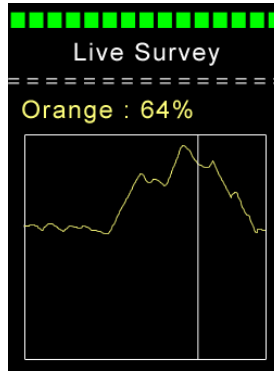


- 5) Attach the other end of cable to the SNYPER Spectrum.



- 6) Select the 'Current Survey Results' and highlight the network that you wish to perform a livescan survey with. When you have selected relevant network, select 'SCAN' option by pressing 'OK' button.

- 7) You will be presented with the SNYPER Spectrum liveSCAN graph, which will dynamically display the network signal strength in real time for the chosen network.



- 7) Point the liveSCAN antenna in a horizontal orientation (as shown below).



To Identify Cell Location

- 1) Observe the network signal strength meter and slowly rotate your body position through 360 degrees, holding the antenna in a **straight and horizontal position**.
- 2) As you rotate through 360 degrees you will notice that the signal strength meter will increase and decrease.
- 3) When you observe a peak on the graph, the particular direction you are facing in will be pointing directly at the cell site location.

Improve Performance of a Fixed Location Directional Antenna

- 1) Unscrew the liveSCAN antenna from the SNYPER Spectrum.
- 2) Attach the 'fixed location directional antenna' directly to the SNYPER Spectrum.
- 3) Select the relevant network and start a liveSCAN.
- 4) Adjust the position of the fixed antenna until the signal strength meter is at a peak.



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