



Lima Cell Monitor is a **multi-SIM RF survey solution** capable of continuously measuring 2G, 3G, 4G, 5G (1 second sample rate).

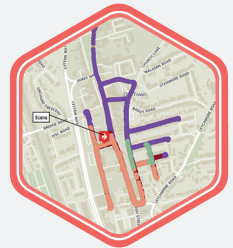
Lima also passively scans 2.4 & 5.0GHz Wi-Fi SSIDs - all whilst logging GPS position against the radio readings.

Lima Cell Monitor allows locking to all cellular network operators, all technologies and all bands.

Dial out function demonstrates connected test calls and a data heartbeat ping test achieves the same result for data connectivity.

A frequency sweep on all channels reads information on the active frequencies producing a single pass snapshot of the RF environment in GSM, UMTS and LTE - typically returned within 90 seconds.

The survey results are offloaded either by using a Wi-Fi offload to a friendly Wi-Fi network or by download from a USB port on the bulkhead for onward mapping and analysis.



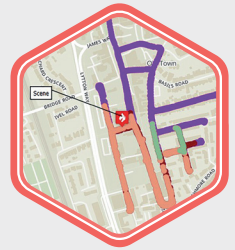
Lima RF survey solution comprises:

- 1 x Lima Cell Monitor box – 2G, 3G, 4G, 5G and Wi-Fi capability
- Depending on customer needs and geographical operation Lima Cell Monitor can be configured for 12 cellular modems and 1 Wi-Fi modem
- Maintenance and 24/7 support
- Android tablet with companion app for Lima interface (Bluetooth connection) plus ruggedised carry case
- External battery pack with hours of life and Uninterrupted Power Supply (UPS feature allowing seamless transition from mains to battery)
- AC power supply unit
- DC 12V in-car power supply unit
- External GPS antenna
- Backpack
- Total weight of entire kit 4.7 Kg (10lbs)



Additional Information

- Accurate and stable onboard GPS fix without the need for external GPS antenna on a foot survey using backpack.
- External GPS antenna (provided) recommended for vehicle mounted surveys.
- Approximately 3 minutes from powering up to taking readings.
- Built-in protection for power loss, allowing for safe disconnection and simple power down procedure.
- Timing Advance (TA) will aid live investigations and will display the timing advance band that the Lima is currently attached to in connected mode.
- SIM estate included within yearly licensing, no need to top up and replace SIM cards before surveying.
- Quick deployment template feature for easy modem configuration on the go.



Technology and band locking is built in. There is also a scan feature allowing a single pass scan of the cellular network environment, invaluable for assessing what is on-air and allowing visibility of cells that may be co-located.

Contact your Account Manager,
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