



H.Tech Solutions
CONSULTIX

CELLSCOUT

SMART CELLULAR SURVEYOR



Measurement Insights

- 4G & 5G Networks
- RSSI, SINR, RSRP and RSRQ
- Band, PCI/Cell ID, Time Stamp and EARFCN
- Associated GPS and Bearing
- Gauges, Charts and Time Graphs
- User Aids & Threshold Indicators

Fit

- Light-weight <1Kg
- Palm Size
- Heavy-duty metal body
- Touch Screen
- Variety of accessories
- IP65 Protection

Consultix CellScout is a compact, ultra-portable tool engineered for fast, over-the-air measurements of 4G and 5G networks. Designed specifically for installation and optimization teams, it delivers instant insights into the serving cell and neighboring cells. This revolutionary, stand-alone device fits in the palm of your hand and offers direct control and real-time measurement review-no external host required-for unmatched simplicity and convenience in the field.

Specifications

Technology	4G (LTE) and 5G NR (SA and NSA*)
Main Measurands	RSSI, SINR, RSRP and RSRQ
Info Acquisition	Frequency Band, PCI/Cell ID, EARFCN, GPS and Bearing
Accuracy	± 2 dB
GPS Receiver	Built-in
User Control	Device's touch Screen
Display Size	5"
Refresh Rate	≥ 1 second
Result Representation	Serving cell (rotary gauges, instant values, maps and time chart) Top N available Cells (Bar charts)
Additional User Settings	legend for measurands (Excellent / Good / Fair / Poor)
User Aids	Pass/Fail indicator and Audio alert on failing the thresholds
SIM Card Dependency	SIM-based and SIM-less scanning
Locking	Cell Locking or Band Locking
User Inputs	Text fields via touchscreen keypad (ex. Site ID, Address, Technician ID, antenna gain compensation/offsets and target tower coordinates)
Battery Operation	> 5 hours continuous operation
LED or Screen Indicators	Charging, Power and Scanning
MIMO Capability	Optional (2x2)
5G Cell ID	Decimal format
GPS Antenna	Attachable
Data Access	USB or WiFi
Export format	CSV
Interfaces	4 × RF Ports, GPS port (common with RF port # 4), USB and DC Input
RF Connector	SMA Female
Standard Antennas	4 × duck antenna (700-2700 MHz)
Enclosure	Heavy-duty metal
Ingress Protection	IP65
SIM Card Holder	Easy access external SIM card holder
Operating Temperature	-20 to 50 °C
Relative Humidity	< 80 % @ 0 to 35 °C and <70 % @ 36 to 50 °C. Non-condensing
Dimensions	230x125x50 mm
Weight	<1Kg
Standard Package	Basic instrument, AC/DC charger, 4 × duck antennas and user guide

5G NSA (Non-StandAlone) scans are best-effort and may not contain all relevant measurements. NSA captured info is carrier-dependent, generally based on SSB and the availability and content of SIB1 data within the 5G band.

Ordering Information

CellScout-5G	4G/5G Smart Cellular Surveyor (choose regional bands upon ordering)
CellScout-5G-MIMO	Cellscout 2 × 2 MIMO activation
CellScout-5G-app	Cellscout Data collection and export
CellScout-5G-CC	Cellscout Car charger
CellScout-5G-DA738	Directional antenna (700-3800 MHz), 11 dBi gain. Type-N female connector
CellScout-5G-HC	CellScout Hard Carrying case