



# Echo Scanbox

Ultra-lightweight

Modulated scan 3G/4G/5G

Game-changing price

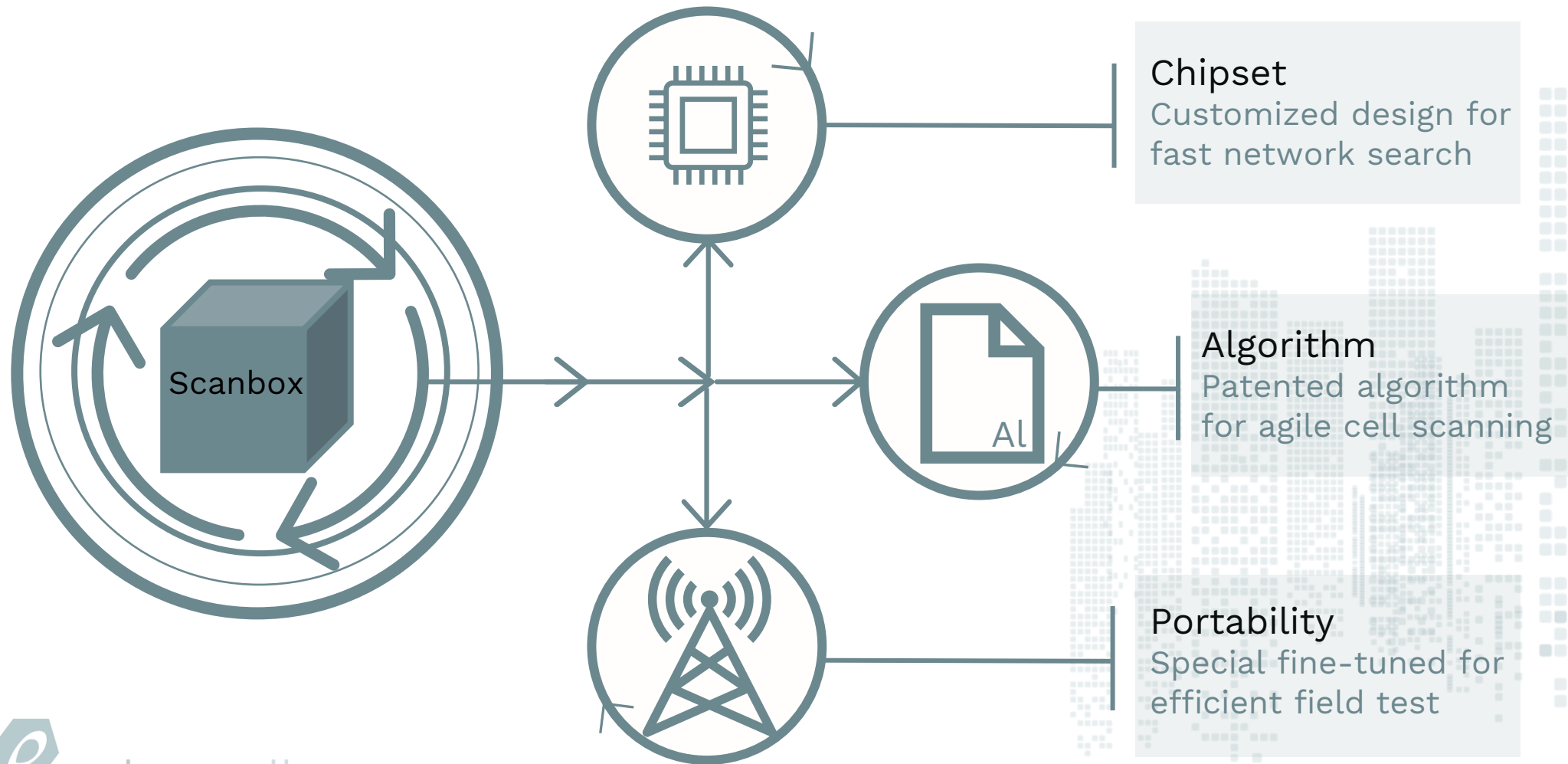


# Echo Scanbox new affordable scanner



- Ultra-lightweight, pocket-size compact design for field testing
- Support multi-technology, multi-carrier, multi-band parallel testing
- Map control and test sequence scripts through Android mobile device, and live display for monitoring purposes
- Forcing lock to specific testing band capability
- Powered from the mobile devices USB port
- Compatible with Echo One, Echo Lite, Echo Plus, Echo Studio and Echo Zero

# Core technologies



# Typical application scenarios

- Cellular network operator
  - Multi-technology benchmarking survey
  - Coverage comparison with competing vendors
- IoT service provider
  - LTE coverage audit
  - IoT infrastructure maintenance and troubleshooting
- Spectrum regulator
  - Cross-border coverage evaluation
  - Interference hunting



# Echo Scanbox preliminary specs



Item	Specs
Working hours	4~5 hours
Connect Interface	RF In: SMA(F) Data/Power: Mini USB *note: Standard configuration provided with mini-USB to USB type-C cable connection
Operating temperature	-10°C ~ 50°C
Operating humidity	5%~85% relative humidity, non-condensing
Weight/Size	0.3 kg / 130 mm x 95 mm x 35 mm (exclude antennas)
International certification	CE
Standard configuration	Scanbox device*1, USB cable*1, antenna*2



# Echo Scanbox preliminary specs

Item	Specs
Measurement modes	5G NR, TD-LTE, FDD-LTE, WCDMA. High speed multi-technology measurements with zero degradation in performance
Data modes	Carrier Count / Technology / MCC / MNC Band / EARFCN / LAC / TAC / Cell-ID PSC / PCI / RSCP / RSRP / RSRQ / SINR / Beam Index / Beam RSRP / Beam RSRQ / SSB Index
Frequency bands	5G NR Sub 6(SA): n1/n2/n3/n5/n7/n8/n12/n20/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79 5G NR Sub 6(NSA): n41/n77/n78/n79 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48 WCDMA: B1/B2/B3/B4/B5/B8
Measurement rate (typical)	Max. 2 updates/sec
Min. detection level	5G NR: RSRP -128.73 dBm @100MHz BW 30 kHz SCS LTE: RSRP -132.73 dBm @5MHz BW FDD/TDD WCDMA: CPICH RSCP -115 dBm
Max. input power	+22 dBm
Accuracy	+/- 2 dB @input power >= -100 dBm
Receive modes	2*2 MIMO



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Thank you!