



COMMS-TEK TRACKER GUARD™

Bluetooth Tracker Detection & Location System

Key features

- Multi-platform tracker detection
- MAC address tracking
- Strongest signal tracking (Track Max mode)
- RSSI and advertisement interval reporting
- Omnidirectional, Directional and probe antenna included
- Filters non-tracker Bluetooth signals
- Passive scanning - no signals transmitted
- Rechargeable battery (8-10 hours typical operation)



Detect

Quickly identify nearby Bluetooth tracking devices.



Investigate

Review signal strength, advertisement intervals and device information.



Locate

Track and recover concealed devices with ease.



Applications



Vehicle
Inspections



Cargo
& Logistics



Border
& Customs



Police
Investigations



Executive
Protection



Personal
Safety

Multi Tracker Detection



Tracker Guard displays nearby tracker activity on a single screen

- Monitors up to 24 trackers simultaneously
- Platform identification
- MAC address identification
- RSSI signal strength monitoring
- Advertisement interval reporting
- Filters non-tracker BLE advertisements

Entries are listed in order of signal strength, prioritising trackers that are closest in proximity.

Tracker Location Mode



Locate concealed devices using:

- Lock on to individual trackers using MAC address
- Strongest signal tracking (Track Max mode)
- Live RSSI tracking graph
- Directional antenna support
- Probe antenna support

Track Max Mode helps locate trackers that frequently randomise their MAC address.

Detected Tag Brands	Apple AirTag®, Samsung SmartTag®, Tile®, Chipolo®, Pebblebee® and other BLE tracking devices
Reported information	Tracker Platform: Apple tag, Android tag, Tile, Chipolo MAC address RSSI (current and peak) Advertisement signal interval Graphical RSSI
Bluetooth channels	BLE channels 0 - 39. 2400 to 2482 MHz
Sensitivity	-95 dBm
Detection range	100+ metres/330+ feet* *dependant on many factors e.g. line of sight, attenuative structures, signal strength of target, antenna used etc.
Scan interval	100 ms per advertising channel. 300 ms for full cycle
Simultaneous trackers detected	Up to 24
User interface	Colour IPS display with touch control. Sunlight readable screen

Data display	Number of active tags and for each tag: name, signal strength (RSSI), real time signal graph
Tracking modes	1. Multi Tracker Detection Mode 2. Tracker Location Mode 3. Track Max Mode
Antennas	Omnidirectional antenna Directional antenna: field of detection $\pm 20^\circ$ Probe antenna
Battery	Internal rechargeable Li-Polymer battery Run time up to 10 hours Charging time 5 hours
Power input	USB-C type connector: 5V, 2A. Can be plugged in for continuous operation
Enclosure	PETG with soft silicon protection cover
Dimensions	Width: 78 mm Height: 124 mm Depth: 28 mm
Weight	240 grams (excluding antenna)
Ambient operating temperature range	-30 to +40° Celsius

Built for device-free environments

Request a demonstration: www.comms-tek.com