G3 Technologies, Inc.

PROVIDING NEXT GENERATION WIRELESS SOLUTIONS

HDMI
7-20 VDC
GPS

Tetley PileDriver
Autonomous IMSI, Wi-Fi, Bluetooth® MAC Collection & Correlation

FEATURES
- Dual band Wi-Fi a/b/g/n/ac, Bluetooth Classic and Bluetooth Low Energy collection
- Collection & Correlation of Hotspot 2.0 IMSI, Wi-Fi, Bluetooth Classic & Bluetooth Low-Energy MAC address to a single device
- Exportable correlation reports
- PCAP for post-mission analysis
- Remote Connectivity for leave-behind capability
- User configurable VPN connectivity
- Surveillance Detection monitoring & notification
- Bluetooth® Low-Energy device correlation*
- Multi-protocol correlation interoperable with industry mapping tools
- Connect and stream in real time to Rover
- Autonomous mode to allow for data collection upon power-up Hardware Features
- Low SWaP for easy concealment
- Range extension kit with directional antennas and LNA's
- User specific Hide-in-plain-sight form factors available upon request

KIT CONTENTS
- Tetley PileDriver Module
- Collection Antennas
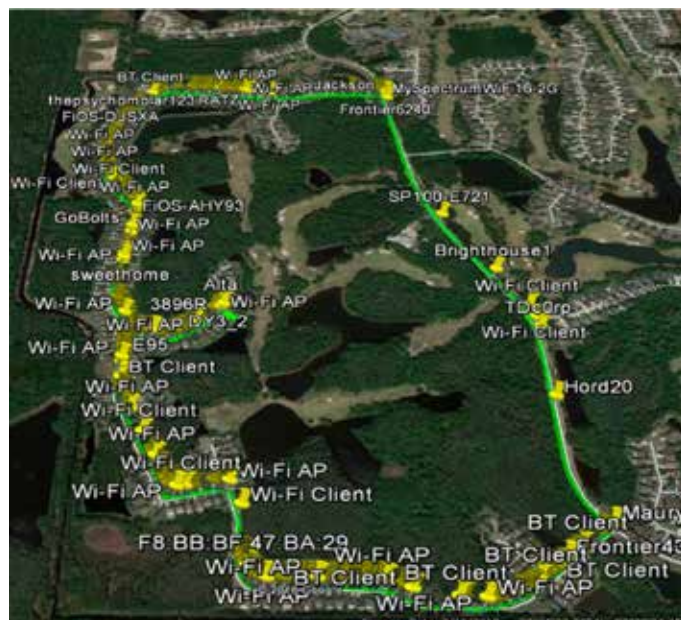- External Battery
- AC Power Supply

APPLICATIONS
- Situational Awareness
- Device ID Collection & Correlation
- Pattern of Life
- Surveillance Detection
- Blue Force / White List tracking
- Real-time and Post-processed content analysis
- Signature Management
- Identity Management

DESCRIPTION

Tetley PileDriver is an extremely low SWaP, autonomous WIFI & Bluetooth survey, collection, & correlation system that can be employed in multiple scenarios. It fits easily into a backpack or large cargo pocket and can be used as a light weight payload on drones. Tetley PileDriver can collect and correlate dual band Wi-Fi a/b/g/n/ac, Bluetooth® Classic, and Bluetooth® Low Energy devices as well as Hotspot2.0 identifiers and export them for seamless use with existing mapping and analysis tools. Supports import of files for correlation. Tetley PileDriver collects packets and puts them into a database for packet analysis to be used in situational awareness scenarios. Allows the user to establish a baseline signature management profile.

Tetley PileDriver can deliver correlated device ID's to a single device by looking at Bluetooth® and Wi-Fi MAC addresses and matching them to one device make, model, UUID, and OUI (vendor ID). If the device ID is unknown but there is a known pattern of life for at least 2 locations, Tetley PileDriver can determine the device identity and provide notifications to the user when that ID is detected in subsequent collections. Tetley PileDriver can be configured to run at pre-configured time intervals and provide the user with notifications in the event a unique device ID appears at each location with the user while filtering out known white-listed devices. Tetley PileDriver supports remote connectivity for leave behind capability.

SPECIFICATIONS

	Size	Weight	Power
SWAP Details	5.25"L x 3.35"W x 2.0"H (without antennas or battery pack)	1.1 lbs.	7-20 VDC

System specifications subject to change without notice, contact factory for current specifications.

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For more details or questions contact: sales@g3ti.net | +1.410.290.8110

G3 Technologies, Inc. | 10280 Old Columbia Road | Suite 260 | Columbia, MD 21046 | www.g3ti.net