



Tetley Scanner **Multi-function, Multi-band, Multi-mission** **Network Survey & Collection System**

FEATURES

- 8 independent 40 MHz Bandwidth 2-6000 MHz RF tuner channels
- Integrated processing for true Software Definable Radio (SDR) functionality
- Rogue base station detection/geo-location
- Built in RF Distribution to optimize multi-band coverage
- Web based GUI, functions as either local or remote probe
- Integrated GPS

Cellular and PTT/DPTT Scanning

- Simultaneous Multi-band, Multi-format (2G/3G/4G/5G/802.11/PTT/DPTT) completely passive network survey solution (**5G FR2 available with TS OPT 001 from G3T pricelist*)
- Integrated base-station geolocation algorithms (2G/3G/4G/5G)
- Layer 3 logging and report generation

Wide Band Recorder

- Records wideband IQ from up to 2 RF channels (up to 80 MHz combined)

Software Defined Radio

- Utilization of the 8 independent 40MHz RF channels
- Nominal 32 independent DDCs with variable bandwidths
- Dual SFP+ data outputs supports full bandwidth (320 MHz) data streaming

Cellular and PTT/DPTT Collection (available with TS OPT 002 from G3T pricelist)**

- 2G full content collection on GSM (with Polly Tactical GSM Co-Processor) and CDMA
- 3G/4G/5G metadata collection
- PTT/DPTT (DMR/P25/P25P2/NXDN48/NXDN96/DSTAR/AM/FM) collection
- Enables 3G/4G/5G UE soft geo visualization (with SG50X Tactalytics)
- Enables MDN – STMSI correlation (with Tetley Hydra)

KIT CONTENTS

- Receiver Module
- Laptop Controller
- Multiple Antennas
- Power Cable Assemblies
- Rugged Transportation Case

APPLICATIONS

- Phase 0 Operational Preparation of the Environment (OPE), cellular and PTT/DPTT
- Force protection via rogue base- station detection
- Wideband IQ Recorder
- SDR for external software based signal processing suites
- 2G-5G cellular collection**
- DPTT collection**

DESCRIPTION

Discover Tetley Scanner: G3T's Cutting-Edge Cellular Survey Solution

Tetley Scanner is a cornerstone of G3 Technologies' commitment to delivering innovative wireless solutions for government and commercial clients. Built on our core values and mission, this advanced multi-band scanner enhances our USSOCOM Program of Record cellular survey capabilities with powerful new features. These include wideband (WB) IQ recording, simultaneous cellular and PTT/DPTT collection, rogue BTS detection and geo-location, and a streaming IQ data output interface—all integrated into a single, high-performance device.

Transformative Technology for Multi-Mission Success

By pairing robust, optimized software with a state-of-the-art radio receiver, G3T has elevated Tetley Scanner into a multi-mission workhorse. Recent upgrades include an SFP+ interface, enabling seamless streaming of the entire radio bandwidth. This allows effortless integration with external software-based analysis tools, making it an ideal choice for professionals seeking reliable, real-time data processing.

Unmatched Cellular and PTT/DPTT Collection (available with TS OPT 002 from G3T pricelist)**

Tetley Scanner supports multiple FPGA profiles, offering industry-leading 2G-5G cellular collection alongside PTT/DPTT capabilities (including DMR, P25, P25P2, NXDN48, NXDN96, DSTAR, AM, and FM). Collected data can be streamed directly into G3T's SG50X analytics system, just one of our proven systems included in USSOCOM's Program of Record. Designed, developed, and manufactured in-house, Tetley Scanner ensures top-tier quality and performance tailored to your needs.

Purpose-Built for Government and Commercial Missions

Engineered to support mission-critical operations, Tetley Scanner eliminates the need for per-protocol software licenses, simplifying ownership for users. Whether you're a government agency conducting cellular surveys or a commercial entity seeking advanced wireless solutions, this purpose-built system delivers unmatched flexibility and efficiency.



SPECIFICATIONS

| | Size | Weight | Power |
|------------------------|--|-----------|---|
| SWAP Details | 16"L x 12.5"W x 5.125"H | 21.6 lbs. | Low Power Mode: 120 W, High Power Mode: 180 W Input: 10 - 32 vDC |
| Frequency Range | 2-6000 MHz | | |
| Wireless | GSM, GPRS, EDGE, CDMA2000, 1xRTT, EvDO, WCDMA, HSxPA, LTE, PTT, D-PTT, 5G NR and Wi-Fi | | |
| Technologies | | | |

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



Scan Me!



PROVIDING NEXT GENERATION WIRELESS SOLUTIONS

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