

THE **STEALTH** Navigator

Professional RF Audio/Video TSCM Analyzer

The Stealth Navigator Pro is the most advanced TSCM RF Analyzer for detecting and eliminating illegal wireless cameras and eavesdropping transmitters. It can detect not only analog RF A/V signals but also digital signals such as CDMA, GSM, 3G, Wi-Fi and Bluetooth signals use the advanced bugs.



The Stealth Navigator



Navi 2020 Plot Software

❖ The appearance of product may be changed by building different configurations and options.

Main Features

- **Detecting RF Audio Signal**
 - Detects and demodulates Wide-Band RF signal and outputs it as audio signal like a FM radio.
- **Detecting RF Camera Signal**
 - Detects and demodulates Wide-Band RF video signals and displays on built-in LCD screen.
- **Detecting 2G & 3G Cellular Phone/ Wi-Fi/ Bluetooth Signal**
 - Detects WCDMA (European 3G) up to 50 feet
 - **CDMA (American 3G), GSM, iDEN, PHS and AMPS** up to 70 feet.
- **Doppler and GPS Direction Finder**
 - Displays the direction of RF transmitter on Multi-Display (Numeric and 36 LED Pelorus).
 - Connect a external PC (laptop) via RS-232 port and display the **location and draw plots on Google Earth screen** to search the RF transmitter during by moving its location.
- **Easy and Convenient Detecting Function**
 - The **customized probe** helps to search and remove the RF bugs easily.

- **Centralized Control**
 - Connect a PC to have additional control the receiver, scanner, GPS map and Direction Finder.
 - **It can be located in a meeting room or temporary event location and monitored at remote location via Network/Internet.**
- **Custom build** : More functions can be added

SPECIFICATIONS

	Audio Scanner	Video Scanner	Detector	GPS
Model / Spec	BCT15X	VX-5000 w.DVR	DX-5000	631
Frequency Range	25Mhz ~ 1300Mhz	900Mhz ~ 5.8Ghz Major Band	50Mhz ~ 6.0Ghz	L1, 1575.42Mhz 66Channels
Mode	AM,FM,WFM	NTSC,PAL,SECAM	3G(WCDMA 2100), CDMA, GSM, TDMA, iDEN, PDC, PHS, PCS, DECT	
Sensitivity	0.2μV - 0.6μV	-80dBm ~ -85dBm	~ -40dBm	-163dBm (Tracking)
Demodulation	Demodulation	Demodulation	Detect and Display	Location info
Sweeping Time	less than 5 sec. Close Call	less than 30 sec.	Less than 1sec.	
Remarks	Store detected Audio Data	Store detected Audio/Video Data Memory /8GB		Accuracy/ Less then 3m

1. SCANNER (BCT15X)

Frequency Coverage: 25 MHz – 1300MHz

Mode: WFM, FM, AM

Receive Sensitivity: 0.2μV - 0.6μV

Signal Capture Time: Less than 10 Seconds

Tone Codes: CTCSS, DCS

2. RF Video Detection

Detect Method: Video Sweep

Scanning Time : Less than 30 Seconds

Scanning Band: 900MHz~1.2GHz, 2.4GHz, 5.8GHz - 3 bands synchronous scanning

Receive Mode: NTSC, PAL / SECAM, AUDIO

3. 2G&3G Cell Phone/ Wi-Fi/ Bluetooth Detection

- Detecting Frequency Band
 - 2G: GSM, iDEN, AMPS, PHS, PCS
 - 3G: WCDMA(European), CDMA(USA)
 - 50 MHz - 6.0 GHz
- Detecting Distance
 - WCDMA: up to 50 feet
 - CDMA, 2G: up to 70 feet
- Sensitivity adjustment
 - Insensitive with 2 way radio

4. GPS Direction Finder

- GPS Frequency: L1, 1575.42MHz
- Receive Channel: MTK 66 Channels
- Antenna: a high quality antenna included
- 3m Positional Accuracy
- Extremely high sensitivity: -163dbm

5. Centralized Control

- Connect a Lap-Top PC to have additional control the receiver, scanner, GPS map and Direction Finder.

6. General

Power: AC 80V ~ 240V, DC 12 ~ 28V (Car cigar jack), Built-in Rechargeable Battery.

Weight: 37 LBS (17 kg)

Dimensions: Main - L 22 X W 13.81 X H 9 (inch)

DF Antenna - L 20.6 x W 16.9x 8.1 (inch)

Heavy Duty Pelican Case

- ❖ The Stealth Navigator Pro can be built with various options by the customer's demand.
- ❖ The specifications are for The Stealth Navigator Pro standard and may be changed depend on options.
- ❖ The specifications might be changed without notice for upgrade purpose.



Probe for searching RF transmitter



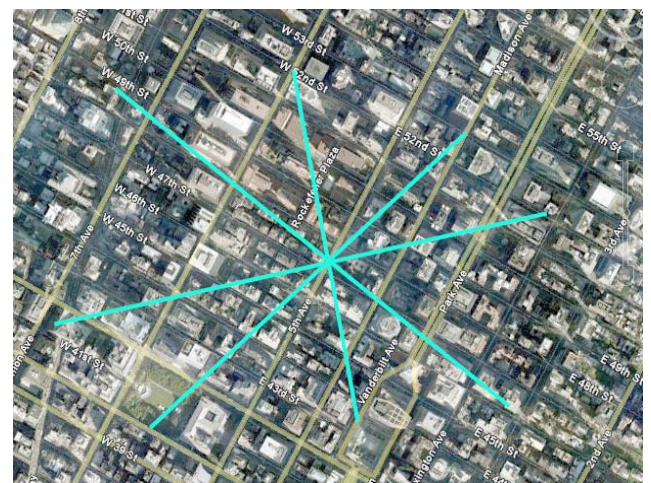
GPS Receiver for DDF2020 Software



The Stealth Navigator Control Panel



Demodulating RF Video signal



Drawing plots on Google Earth Screen



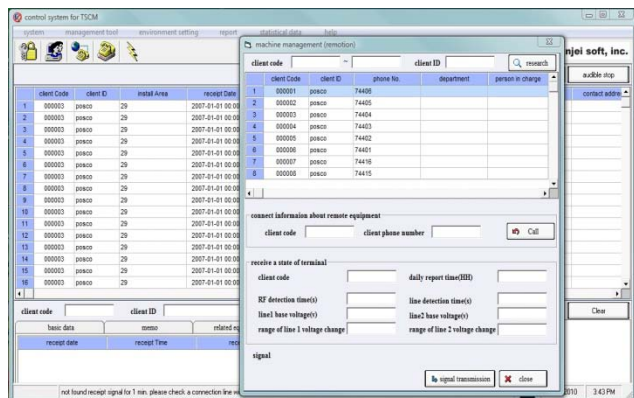
Global TSCM Group, Inc.

12 W 32nd St, Suite 604, New York, NY 10001, USA

<http://globaltscmgroup-usa.com> sales@globaltscmgroup-usa.com

Tel.: +1 212 967 4030 +1 646 233 0383 Fax: +1 212 967 7560

THE STEALTH
The Confidential Catch



Remote Audio Signal Monitoring Program



Remote Video Signal Monitoring Program