

511 SE 32<sup>nd</sup> Court • Fort Lauderdale, Florida 33316  
Telephone: 954-712-7777 • Facsimile: 954-712-8880  
E-mail: techcomm@techcommdf.com

## TC-7229 Single Receiver Direction Finder Processor



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The TC-7229 is intended for mobile operation where covert location of surveillance equipment is required. The unit can be controlled remotely or locally using the TC-3518 Remote Operating Unit, a color touch-screen device.

The single package includes the DF processor, a miniature Windows 7 PC.

In conjunction with the TC-3518, a mapping option is available. This includes a GPS and flux-gate compass. This configuration allows for smooth moving-map operation. LOB storage and audio recording are also accommodated.

**SPECIFICATIONS:**

DF Processing Technique .....Phase/Amplitude electronic rotating  
goniometer, digitally processed  
Frequency Range .....20 MHz -2.0 GHz, limited by receiver/DF antenna  
Signal formats (modulation) .....AM, FM, WFM, SSB, CW  
Signal Bandwidths .....200 Hz through 10 MHz  
Instrument processing accuracy .....± 1 degree  
Instrument processing resolution .....1 degree  
Response time .....better than 80 msec  
Calibration .....Automatic

**Controls**

Power .....On / Off

**Inputs/Outputs**

Power Input..... +12VDC, (10-14.5VDC=C) 10A max.  
4-pin PowerPole style  
Antenna Control..... MIL 15-pin connector  
RF/DF Input..... TNC  
RF/Omni Input..... N  
Ethernet.....1 port  
USB ..... 3 ports  
Audio Out ..... 1/8"  
Remote Display Power Out ..... Co-axial (12VDC)

**Processor Size**..... 12.00" high x 9.00" wide x 15.00" deep  
( 30.5 cm x 23.0 cm x 38.1 cm)

**Processor Weight**.....20 lbs. (9.1 kg)

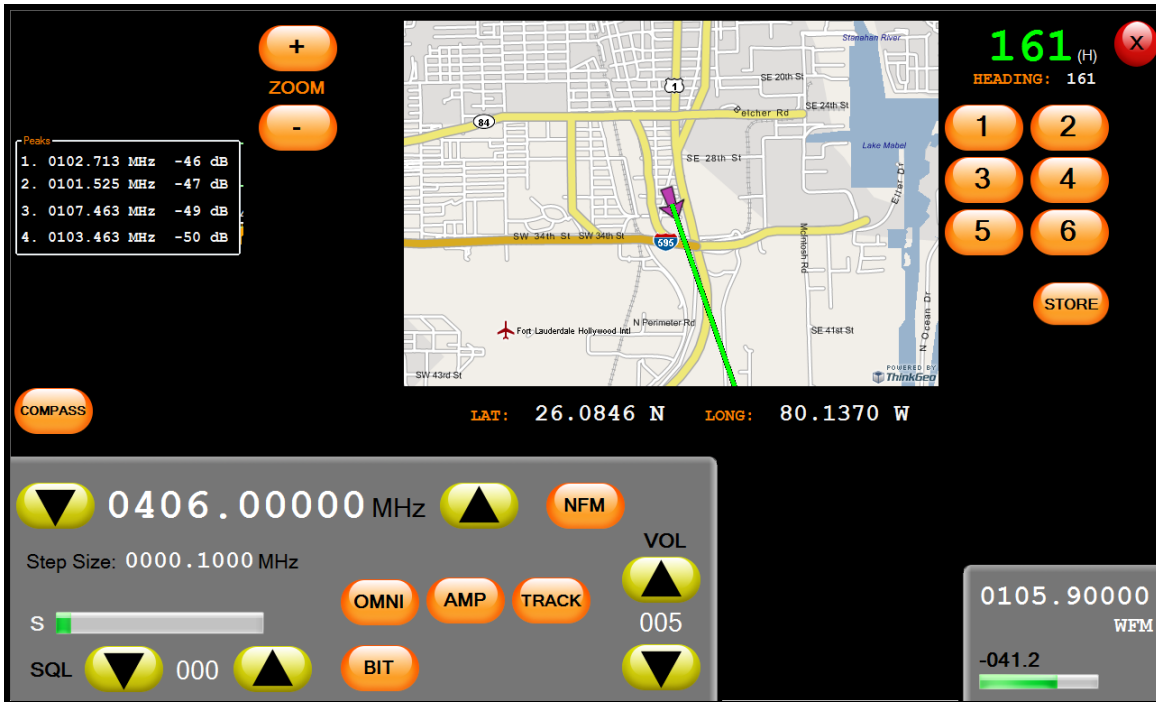
**Environmental**

Temperature: Operating.....0 degrees to +50 degrees C  
Non-Operating.....-10 degrees to +70 degrees C  
Humidity..... 0 to 95%

TC-7229



## Sample Display with TC-3518 & Mapping Option



## Band Scope Mode with TC-3518 & Mapping Option

