Coyote™ is a high performance, modular receiver system providing two unique and independent RSSI measurements using precision dual receivers. Coyote™ is designed from the ground up to provide hot-swappable components including removable/rechargeable Li-Ion battery, Compact Flash™ storage, removable 12-channel GPS receiver module and two removable receiver modules. Optional, GPS-based Forecaster™ mapping software makes Coyote™ the most comprehensive receiver system available to engineers today.

**Frequencies**

Users may install any two at one time of the frequency modules listed. Custom frequencies are also available upon request.

- Wi-MAX
- MMDS
- ISM
- PCS
- LMR
- iDEN/SMR
- Cellular
- ETACS
- Paging
- WCS
- GSM

*Custom frequencies available upon request*

**Features**

- Multiple bands supported including Wi-MAX, Cellular, GSM, LMR, PCS, ISM, WCS, MMDS and more
- Dual modular receivers allow users to swap various bands while in the field
- High measurement rate, more than twice that of Dr. Lee’s recommended 40 $\lambda$
- Removable 12-channel/12 satellite GPS modular receiver with active antenna
- Removable rechargeable Li-Ion battery system found on standard PC laptops
- Removable Compact Flash (64MB card included) memory system for data storage
- Captured data output via USB and serial ports for connectivity to any PC
- Optional GPS-based mapping Forecaster™ PC software
- Weighs only 7 pounds fully loaded

Call us today for more information:
(732) 548-3737 / Fax: (732) 548-3404
Internet: www.bvsystems.com
E-mail: info@bvsystems.com
BANDS SUPPORTED
Wi-MAX: 2.5 or 3.4 GHz
MMDS: 2.5-2.7 GHz
ISM: 2.400-2.485 GHz
900-930 MHz
WCS: 2.30-2.36 GHz
PCS: Uplink (Blocks A through F) 1850-1910 MHz
Downlink (Blocks A through F) 1930-1995 MHz
LMR: 805-825 MHz
iDEN/SMR: 850-870 MHz
Cellular: 824-848 MHz
868-896 MHz
ETACS: 872-905 MHz
915-950 MHz
Paging: 145-165 MHz
450-465 MHz
928-941 MHz

SENSITIVITY
-118 to -30 dB + 1 dB (@ 10 kHz IF Bandwidth)
Adj. Chan. Rejection: >45 dB @ 30 kHz

RECEIVER MODES
Single Channel
Multiple Channel (user selectable or sweep)

DATA AVERAGING
Temporal
512 measurements/receiver/second
40 Lambda average (user selectable)
Spatial
512 measurements/receiver/second

GENERAL SPECIFICATIONS
Dual Conversion: 83 MHz 1st IF, 455 kHz 2nd IF
IF Bandwidth: 4 kHz, 10 kHz, 25 kHz, 30 kHz, 50 kHz, 200 kHz (@ 6dB)
Stability: ± 2.5 PPM Temp range 32° to 120 F°
Phase Noise: > 80 DBC/Hz @ 10 kHz
Antenna: SMA 50 ohm
Controls: 20 button keypad
Warm Up Time: < 3 minutes
Power: Internal 10.8 Volt Li-ion battery (3.6 mA) run time 8 hours
12V jack for external power
USB Port: 12Mbits/s (1.5 Mbyte / sec)
GPS: 12-channel receiver
Weight: 7 lbs.
Dimensions: 3.5” H x 6” W x 7.75” L (water resistant, high impact ABS plastic case)
Approvals: UL, CSA