Coyote™

DUAL MODULAR RECEIVER

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
- AWS
- ISM
- PCS
- LMR
- iDEN/SMR
- Cellular
- ETACS
- Paging
- WCS
- GSM

*custom frequencies available upon request

FEATURES

- Multiple bands supported including Wi-MAX, AWS, Cellular, GSM, LMR, PCS, ISM, WCS 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 λ
- 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 Dead Reckoning software for use with TravelPilot® DX-V and EX-V models
- Optional GPS-based mapping **Forecaster**™ PC software ready
- Optional **Indoor Forecaster**™ site survey PC software ready
- Weighs only 7 pounds fully loaded

Call us today for more information:
TOLL FREE 1-888-737-4287 / Fax: (732) 548-3404
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Clarifying RF

BERKELEY VARITRONICS SYSTEMS®

Providing wireless solutions for over 35 years.

Coyote™

DUAL MODULAR RECEIVER

BANDS SUPPORTED

Wi-MAX:	700 MHz (several bands)
	2.5-2.7 GHz
	3.400-3.550 GHz
	3.550-3.700 GHz
	5 GHz
AWS:	2110-2200 MHz
ISM:	900-930 MHz
	2.400-2.485 GHz
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
	1805-1880 MHz
ETACS:	872-905 MHz
GSM:	930-970 MHz
Paging:	145-170 MHz
	450-470 MHz
	928-941 MHz

COYOTE OPTIONS AVAILABLE

Dead Reckoning software option for Coyote when used in conjunction with TravelPilot® DX-V or EX-V models.

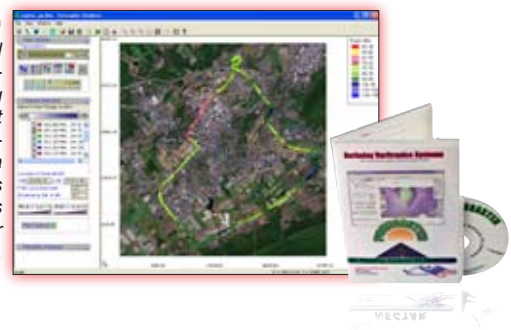
Sieve™ for Coyote is data conversion software that generates 40 λ averaged data.

Order removable GPS and swappable modular receiver combos for a variety of RF studies while still in the field.

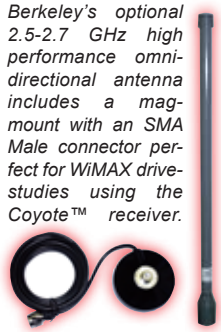
ORDER YOURS TODAY

Bring plenty of spare Li-Ion batteries for RF studies lasting all day.

Forecaster™ is GPS-based coverage validation mapping software that overlays geocoded RF data onto real maps and generates KML reports for GoogleEarth.



Berkeley's optional 2.5-2.7 GHz high performance omnidirectional antenna includes a magmount with an SMA Male connector perfect for WiMAX drive-studies using the Coyote™ receiver.



SENSITIVITY	-118 dBm to -30 dBm ± 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	Spatial
	512 measurements/receiver/second	512 measurements/receiver/second
	40 Lambda average (user selectable)	

GENERAL SPECIFICATIONS

Dual Conversion:	83 MHz 1st IF, 455 kHz 2nd IF
IF Bandwidth:	4 kHz, 10 kHz, 12.5 kHz, 25 kHz, 30 kHz
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

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