

Coyote Dual Modular Receiver System

RECEIVER SENSITIVITY:

Sensitivity	-118 dBm to -30 dBm + 1 dB (@ 10 KHz IF Bandwidth)
Adj. Chan. Rejection	> 45 dB @ 30 KHz

RECEIVER MODES:

RSSI Measurement	Single channel; multiple channel (user selectable or sweep)
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DATA AVERAGING:

	Temporal	Spatial
RSSI Measurement	512 measurements/receiver/second	512 measurements/receiver/second
	40 lambda average (user selectable)	

GENERAL SPECIFICATIONS:

Dual Conversion	83 MHz first IF, 455 KHz second IF
IF Bandwidth	4 KHz, 10 KHz, 25 KHz, 30 KHz
Stability	±2.5 PPM from freezing to 120 degrees F
Phase Noise	> 80 dBC/Hz @ 10 KHz
Antenna	SMA 50 ohms
Controls	20 button keypad
Warm-Up Time	< 3 minutes
Power	Internal Removable 10.8 Volt Li-Ion battery Battery run time 8 hours 12V jack for external power

MECHANICAL SPECIFICATIONS:

USB Port	12 Mbits/s (1.5 MB/s)
GPS	12-channel receiver
Weight	5 lbs. (7 lbs. fully loaded)
Dimensions	3.5" H x 6" W x 7.75" L
Approvals	UL, CSA

INCLUDED ACCESSORIES:

Antenna	Straight SMA male 50 ohm
Car Lighter Adapter	12-16 VDC @ 200 mA
Charger	External fast charger for Li-Ion batteries
ChameleonCW & Coyote Data Logger	file conversion software for Windows NT, 2000, XP

- **Wi-MAX:** 2.5-2.7 GHz