

SIMPAC - Mobile Data Radio



Technical Specifications and Features :

General			
Frequency Range (MHz)	136-174 806-860	400-480 896-941	Other Frequencies on request
Size	6.5W" x 4.0H" x 7.5D"		
Operating Voltage	10.6-16 VDC		
Tx Current Consumption	6.3 A		
RF Connector	Mini-UHF, Others on Request		
Operating Temperature	-30°C - +60°C		
Receiver			
Type	Triple Conversion Superheterodyne		
Spurious Response	80 dB		
Intermodulation	75 dB		
Transmitter			
Measurement Method	RSS-119, EIA		
Power Output	5-25W 136 to 480 MHz	5-15 W 896 to 941 MHz	
Spurious Emissions	-80 dB		
FM Hum and Noise	-39 dB		
Modem			
Forward Error Correction	SIMREX Proprietary Variable Interleave FEC that is user adjustable to match data and minimize wasted air time.		
Robust frame Sync	Will synchronize even if 75% of sync Field is faded or interfered with.		
Over the Air Data Rate	1200, 4800, 9600, 19,200 bps		
User I/O	RS-232 DCE, 300-38400 bps		

SIMREX CORPORATION, 2120 East Nantuckett Drive, Gilbert AZ. USA. 85234.

Phone: (480)-926-6069 Fax: (305)-675-7794. <http://www.simrex.com>