

TELMAIR Software Defined Radio*

270-400 MHz

W-Series

RF channel throughput 115 kbps up to 1.3 Mbps, wide variety of network protocols and data interfaces, 1.5W and 2W.

SDR Core Features

- Frequency Hopping Spread Spectrum
- Selectable Hop Rate
- On-board firmware bank for multiple waveforms
- User selectable RF channel throughput
- Adjustable modulation
- One IP radio, multiple simultaneous data channels
- Network Protocols; *Point-to-Point, Point-to-Multipoint Push-to-Talk, TDMA, Masterless TDMA, 1PPS low-latency distribution, AdHoc*
- On-the-fly programmability
- Field programmable and upgradeable
- 32 bit CRC, CRC16, CRC24
- Cryptography, FIPS 140-2, Level 2 certified
- Variety of Interfaces



Extruded Aluminum Enclosure
4.72" x 4.06" x 1.2"



MIL-Grade, Ruggedized Enclosure
4.55" x 6.2" x 1.6" (with mounting plate), equipped with 3 circular 801 series MIL-spec connectors, 1 TNC

Other Enclosures are available, contact Sales for details

Custom Development

Lexycom Technologies offers affordable custom RF design and development.

All transceivers are designed and manufactured in the **USA**.

*The TELMAIR Series is an ITAR regulated Export controlled product line.



All transceivers are available with the 'VernoCM' Cryptographic Module