

# 400 MHz Software Defined Radio



## 270-400 MHz Telmair SDR\*

### W-Series Transceiver

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



270-400 MHz Board Level  
Transceiver measurements:  
3.18" x 2.89" x 0.47"



Applications



## MIL-STD 461F Compliant

*The Telmair SDR transceivers are designed to meet the rigid and complex demands of defense and government related applications.*



**All transceivers are available with the 'VernoCM' Cryptographic Module**

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

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