

900 MHz Software Defined Radio

902-928 MHz Tiamis SDR

Y-Series

RF channel throughput 115 kbps up to 1.3 Mbps, wide variety of network protocols and data interfaces, 1W and 5W*.



SDR Core Features

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

Cryptography, FIPS 140-2, Level 2 certified

Variety of Interfaces

Custom Development

Lexycom Technologies offers affordable custom RF design and development.

[Lexycom Technologies Inc.](http://www.lexycom.com)

902-928 MHz Board Level
Transceiver measurements:
3.18" x 2.89" x 0.47"



All transceivers are available with the 'VernoCM' Cryptographic Module

bl160504

Technical Analysis and Set Up

Lexycom will conduct a radio system analysis and set up for customers that are interested in purchasing Lexycom products.

LEXNet Diagnostics

LEXNet network management software allows for quick and easy network set up, management, maintenance, and troubleshooting.

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

*5 Watt version is an ITAR regulated Export controlled product.

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