



RADIOMETRIX

DESIGN IN SUCCESS



WIRELESS TOOLKIT

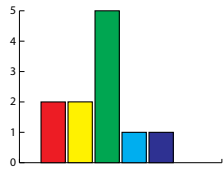
SIMPLE INTERFACE MODULES | 11
OVERVIEW

Simple Interface Modules

Simple interface or 'raw' modules give access to the base band signal, giving the Engineer control over the air interface and maximum flexibility and adaptability.

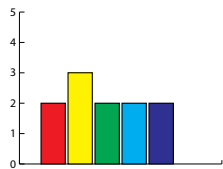
SIL

1985 Radiometrix created the SIL standard now adopted world wide. While constantly updating and improving the product line, we still support our first ever modules.



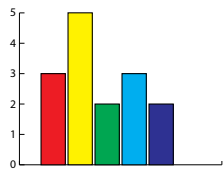
Wide Band UHF:

Low cost | Small size | Low power | High data rates



Narrow Band UHF

Low cost | Longer range | Higher user density | Greater RF resilience



Narrow Band VHF

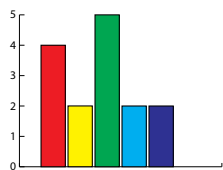
Very long range | Lowest power | Small size | Uncluttered spectrum

BiM

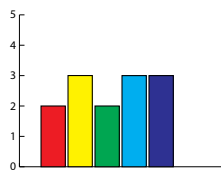
Originally the Radiometrix industry standard transceiver footprint, now used to give you greater choice of form factor.



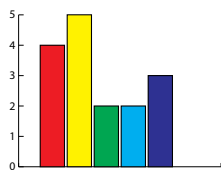
Wide Band UHF



Narrow Band UHF



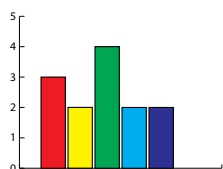
Narrow Band VHF



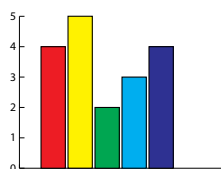
Multi-channel

Available in various industry standard and product unique footprints. Most with user programmable channel frequencies.

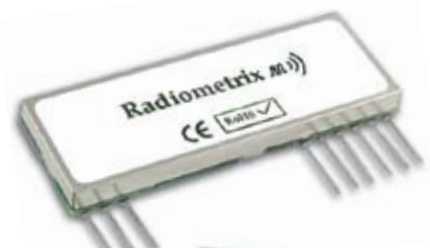
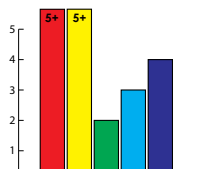
Wide Band UHF



Narrow Band UHF



Narrow Band VHF



Product highlights

New Release 2011

FPX3 Fast, High Power (Half-watt), European Band Transceiver. **869MHz**



UHX1, SHX1 Multi-channel, high power VHF modules designed to suit asset tracking, tracking and remote meter reading applications. MURS and FCC part 90 compliant. **120MHz-180MHz**



WRX2 Low cost, wide band UHF receiver. With matching TX2A transmitter enable simple wireless data link up to 12 kbps at distances up to 75 metres in-building and 300 metres open ground.



CVR1 Lowest cost, narrow band VHF receiver.



TX2S Smallest transmitter. Available in surface mountable package.

433 MHz



LMT / LMR Highly versatile, high performance, multi-channel narrow band family of modules, with the widest range of frequencies available.

27MHz - 869MHz



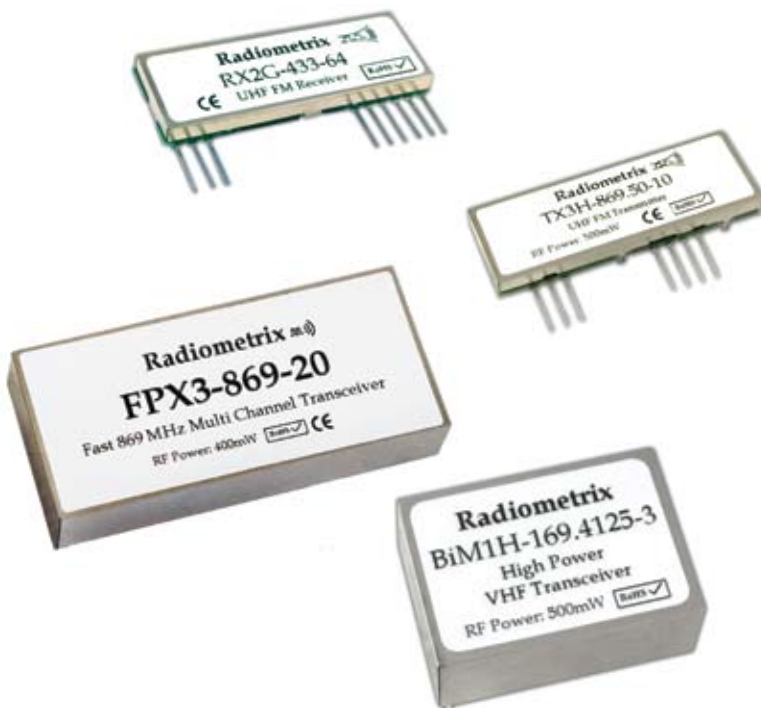
RX1L Amazingly efficient VHF narrow band receiver. Only 1mA @ 3V! For when you really do need to keep power consumption to a minimum.

151-173MHz

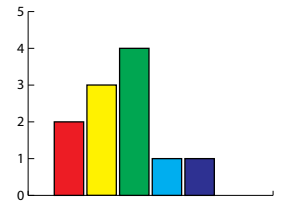


Develop and test your design

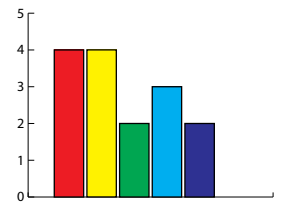
Then embed your solution with your chosen Radiometrix modules



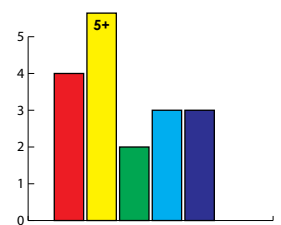
TX2A - RX2G
- Low cost, high volume
433 modules



BiM3H / TX3H
- High Power 868MHz
modules for the European market



BiM1H 169MHz
- Our most popular single-channel
transceiver for AMR and Tracking



Histogram 'At a glance'

To help you choose the module you require

*values shown are relative to other modules in our range and represent quantitative values



Available Frequencies: Typ. 144, 169, 173, 433, 458, 868, 914MHz Custom frequencies on request

Specialists

in UHF & VHF Low Power Radio

Industry-leading Reliability & Quality

Radiometrix has specialised in the design and manufacture of VHF & UHF FM low power radio modules for the rapid implementation of high integrity, wireless data links since 1985.

We offer custom development in addition to our diverse portfolio of products for licence-exempt and licensed applications.

Allowing you to concentrate on the bits you do best.

Radiometrix put their expertise and experience into this range of modules to give you the best possible performance.



Need a custom solution?

Have an idea but not sure how to achieve it?

Radiometrix design and manufacture Radio solutions and have helped many people get their ideas to market. **Just ask!**

See our Website for the latest details of our range and full technical specifications.

www.radiometrix.com

WIRELESS SOLUTIONS FOR

- INDUSTRIAL AND COMMERCIAL TELEMETRY AND TELECOMMAND •
- INDUSTRIAL CONTROL • DATA LOGGING • AUTOMATIC METER READING •
- TRACKING/TAGGING • ENVIRONMENTAL CONTROL • HIGH-END SECURITY/ALARMS •

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 **RADIOMETRIX**
WIRELESS DATA TRANSMISSION