



RADIOMETRIX

DESIGN IN SUCCESS



RF INTERFACE KIT

EASY RF MODULES | 10
OVERVIEW

Easy RF Modules

Over 25 Years Radiometrix has delivered modular solutions to data radio communications, stock modules for test and prototype custom solutions for production runs.

Modem chip solutions.



A range of IC solutions designed to match with Radiometrix raw modules so you get the best out of your RF links.

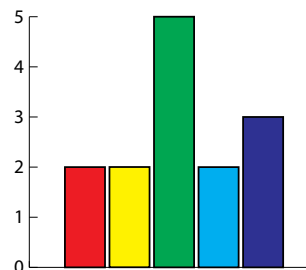
i1200* (NBK), i9600 and M48a

*The majority of Radiometrix multi-channel modules include an i1200 option.

Wide Band Packet Controllers



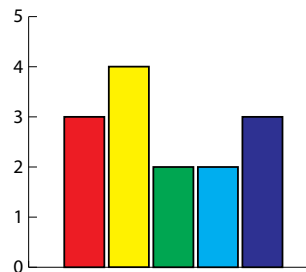
A range of intelligent packet modems enabling a radio network or link to be simply implemented. Wide band giving the best possible data rates in the ISM bands.
433,868,914MHz



Narrow Band Packet Controllers



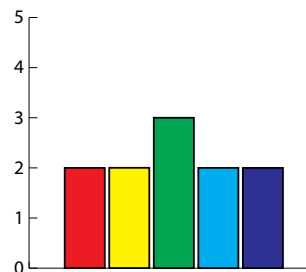
When range or immunity from interference is paramount Radiometrix Narrowband Packet modems deliver. Ranges more than twice that of wideband equivalents are achievable.



Wide Band Modems



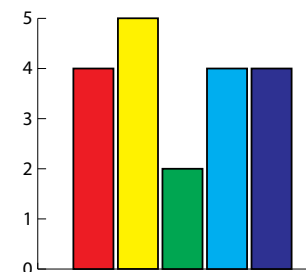
Single and multi-channel transparent data links operating as half duplex modems. Easy to integrate or ready to go wire replacement options.



Narrow Band Modems



Long range, low power. Industry beating performance and price. A wide range of single and multi-channel modules to suit the most demanding applications. Versatile, configurable, Interference tolerant and tough.

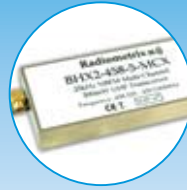


Product highlights

High power, high performance radios and radio modules. **Ideally suited to demanding industrial environments.**



QPT1 1W to 4W VHF an ideal paging transmitter



BHX2 1/2Watt 458MHz transceiver for UK industrial applications

NEW FOR 2010- SHX1 1/2 Watt VHF multi-purpose transceiver. Unbeatable price / performance combination

Ready to go:



TDM2 Proven 300m range 9600bd transparent RS232 links Mains or battery power.



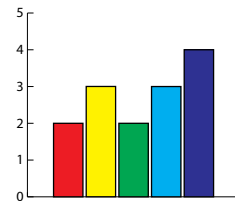
M4800 Very long range radio modem. 10km+ LOS.

Develop and test your design

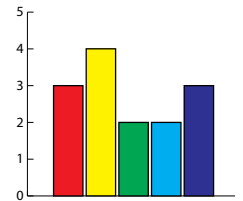
Then embed your solution with your chosen Radiometrix modules



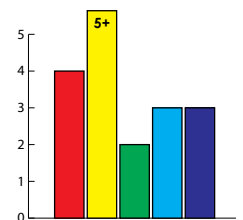
NEW - RMZ
- ultra fast switching multi channel modem
10 ms TX RX turnaround
M48a modem protocols



PLT / PLR
- Flexible, easy to use packet radio modems
Multi-channel narrowband
Long range



QPX1
- 2W Transceiver, narrow band VHF
Industrial Housing
FCC part 90 licensed and unlicensed MURS
HAM 2M band available



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, giving you easy to integrate radio links and networks with 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