

PRESS RELEASE

Radiocrafts announces narrowband RF modules for industrial market

Oslo, Norway, 2014-06-11

Radiocrafts AS, a leading provider of RF modules announced today a new radio module series for the industrial radio market. The RC17xxHP-RC232 module series provides narrowband radio performance combined with high output power for long range industrial applications.

The new module series covers all ISM bands below 1 GHz, including 169, 433 and 868 MHz, as well as some national bands used for application specific radio communication (444, 458, 465 MHz, etc.). The embedded RC232 radio protocol provide point-to-point and point-to-multipoint communication over an encrypted data link, and is very easy to use.

The narrowband modules operate in bandwidths down to 12.5 kHz, with temperature stabilized crystal oscillators to ensure reliable operation over the full industrial temperature range, -40 to +85 degrees Celsius. The RF output power is configurable up to 500 mW.

The combination of superior sensitivity of the narrowband radio, and high RF output power gives a very long communication range. The selectivity and blocking properties of these radios makes them ideal for use in critical applications and environments with radio noise from industrial equipment.

The new module series is intended for applications like crane controls, industrial sensors and other high reliability radio links. The very good selectivity and blocking properties provide possibility to work reliably in environments with strong RF interferers.

The modules come in a very compact 12.8 x 25.4 mm form factor, in surface mount package, delivered on Tape&Reel. Samples are available now.

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For further information please contact:

Radiocrafts AS:

Tel: +47 4000 5195, email: sales@radiocrafts.com

About **Radiocrafts AS**: (www.radiocrafts.com)

Radiocrafts is a leading RF module design and manufacturing company. Radiocrafts' standard RF modules provide compact, easy-to-use, low cost, low power and high performance RF solutions for a large number of wireless applications using license-free ISM bands. Using modules OEM manufacturers without RF design knowledge can easily add wireless technology into their design, reducing time-to-market, cost of design, test and compliance approvals. Radiocrafts also offers custom and application specific product development, supporting customers from initial project ideas to volume product delivery.