

## PRESS RELEASE

### **Radiocrafts announces the world's first Wize compliant RF module**

*Radiocrafts' latest 169 MHz RF module, the RC1701HP-WIZE, is developed in close cooperation with the Wize Alliance and is the first standard RF module that is Wize compliant.*

**Oslo, Norway, 2018-10-12**

Radiocrafts AS, a leading provider of RF modules and wireless connectivity solutions, announced today a new RF module that is compliant to the new Wize protocol as specified by the Wize Alliance based on Wireless M-Bus. The RC1701HP-WIZE module provides the complete communication protocol for the new LPWAN solution operating at 169 MHz.

The Wize radio protocol is a new industry initiative for Industrial IoT to meet the challenge of large area coverage while connecting "hard-to-reach" devices where a good line-of-sight cannot be established. To achieve this goal the network is based on 169 MHz carrier frequency, a much lower frequency than used in other LPWAN networks, combined with true narrowband technology.

"Radiocrafts has been a pioneer in radio modules operating at 169 MHz, and was a key contributor when it was standardized in Wireless M-Bus. Radiocrafts joined the Wize Alliance as one of the first members, and is now happy to be the first company announcing an off-the-shelf Wize radio module" says Peder Martin Evjen, Managing Director at Radiocrafts.

169 MHz has a significant advantage compared to other license-free bands using higher frequencies. The physical properties of the lower operating frequency ensures the radio waves reach further, and also have better penetration in buildings and "hard-to-reach" places. The RC1701HP-WIZE has a range of more than 5 km LOS (Line of Sight), and a coverage radius of 1-2 km even in dense urban areas.

"We have always believed in the 169 MHz technology and always been part of developing products targeting this market" says Anders Oldebäck, Sales and Marketing Director at Radiocrafts. "We see the introduction of 169 MHz as a LPWAN technology as a major initiative to make LPWAN more robust and reliable solution also for industrial applications."

Radiocrafts is leading provider of Wireless M-Bus modules, taking active part in the development of the Wireless M-Bus standard in CEN, in OMS, and in the Wize Alliance. Radiocrafts has millions of RF modules in the field, used in utility metering and industrial applications.

The new RC1701HP-WIZE is a compact surface-mount module which measure only 12.7 x 25.4 mm, and delivered in tape and reel packaging. Samples and Developments Kits are available in 2018Q4.

###

*For further information please contact:*

Radiocrafts AS:

Tel: +47 4000 5195, email: [sales@radiocrafts.com](mailto:sales@radiocrafts.com)

About **Radiocrafts AS**: ( [www.radiocrafts.com](http://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.

About **Wize Alliance**: ( [www.wize-alliance.com](http://www.wize-alliance.com) )

The Wize Alliance is a new industry association that is chartered to drive and promote 169 MHz LPWAN technology under the Wize name.