# SUB-GHZ RF TECHNOLOGY MODULES LAUNCHED, PRE-CERTIFIED IN THE EU-REGION

The Digi XBee XR 868 module is a compact and reliable solution supporting deployment of long-range connectivity applications in the European region. The pre-certified module operates between 863 and 870 MHz in compliance with European standards.

The module supports both point-to-point and mesh networking protocols, with a line-of-sight range of over 14 kilometers. It is well suited for agriculture and energy applications where long-distance communication is required.

**Intelligent interference management**

Digi XBee XR 868 also leverages 868 MHz and surrounding frequencies for LBT + AFA (Listen Before Talk and Adaptive Frequency Agility). This significantly reduces interference by listening to the radio environment before any transmission starts, and automatically shifts to a new channel when interference is detected. This patented frequency scan occurs automatically and in a matter of microseconds so as not to impact performance.

**Accelerate development with Digi XBee Studio**

The Digi XBee XR 868 RF module is a complete hardware and software solution that works directly out of the box. Digi XBee Studio, Digi's easy-to-use RF configuration tool, reduces development time from months to weeks, ensuring your product gets to market fast.

**Features:**

- Low-power CE/RED certified 868 MHz RF module based on Silicon Labs EFR32 microcontroller
- Design includes SAW filter for optimal performance in noisy RF environments
- Listen-Before-Talk and Frequency Agility for optimal interference immunity
- DigiMesh® networking topology for redundancy and reliability
- Simple configuration using Digi XBee® Studio accelerates time to market

For full product
info and datasheet
**Click here**

## Digi

Digi International (Digi) is a leading global provider of mission-critical and business-critical machine-to-machine (M2M) and Internet of Things (IoT) connectivity products and services.