

Hermes Smart Edge IoT Platform for Smart Passive Sensing

Secure and Scalable

Reliable local processing

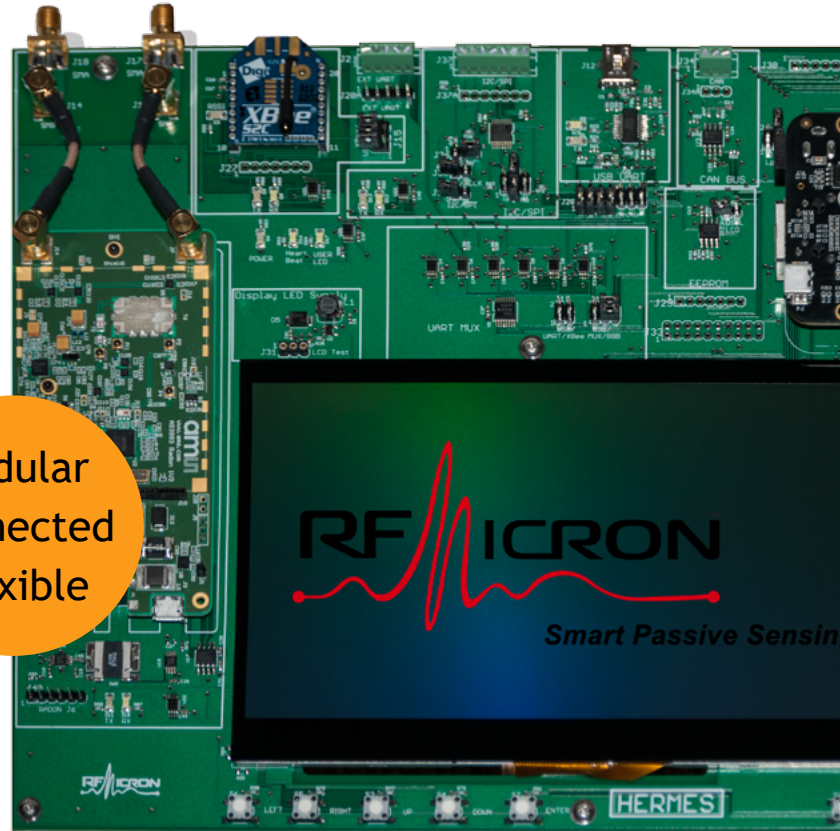
If you're protecting people & equipment -

then it's good to keep critical data processing where decisions need to be made. The cloud is a wonderful place to manage long-term analytics and insights, but it's not the best place to locate your critical alarms or alerts where people and equipment hang in the balance. New Smart Passive Sensor™ technologies provide a wealth of data to the Hermes™ Smart Edge IoT Platform.

Keep your critical alarms local and secure -

with the Hermes Smart Edge IoT Platform for Smart Passive Sensing™ devices. The Hermes Smart Edge IoT Platform efficiently captures the data from these simple, battery-free wireless sensors. Local processing of the raw sensor data by a smart edge device is a secure and reliable strategy to ensure that critical alarms and alerts are issued immediately and where they're needed most.

Modular
Connected
Flexible



ORDER: RFM5103-A

Includes:

- Hermes mainboard
- Linux processor
- RAIN/UHF wireless reader
- Antenna
- ZigBee module
- KNX module
- Developer guide
- Source code
- Hardware design files
- Power supply
- Cables
- Sensors



Business insights begin with data

Connect to the world around you with Smart Passive Sensing



When alarms and alerts matter now!

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Immediate access

The rapid growth of IoT and cloud-based processing has brought great value to many industries, but not without some limitations. These issues are especially acute for industries that require real-time processing like patient care, mechanical plant predictive maintenance, industrial IoT and in-cabin automotive applications. The Hermes Smart Edge IoT Platform delivers local processing so that critical data is available immediately and control directives are made without delay.

Scalable

The Hermes Smart Edge IoT Platform is built with flexibility in mind. Communication and peripheral components take a modular approach, where functions can be easily added or subtracted from the system. The platform features a wireless RAIN/UHF reader module compliant to the North American and European frequency standards used worldwide. Sensor data can be transferred either wirelessly (via Wi-Fi, ZigBee, etc.) or using wireline infrastructure (via KNX, CAN, SPI, Ethernet).

Linux processor

The Hermes platform incorporates an industry-standard Linux processor at its heart. This decouples the application and processing software from the specific hardware options and makes scaling processor power up or down a manageable task. The system ships with working example software that is ready to use out of the box or that can be easily modified to suit specific needs. Get data, alarms and alerts right out of the box.



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