

# Residential RF Solution

**Landis+Gyr Gridstream™ RF endpoints** provide intelligent communications for utility advanced metering and consumer energy management programs.

The integrated design provides a direct read of the meter register to efficiently take advantage of advanced functionality. The module transmits and receives data through a robust, peer-to-peer mesh network utilizing the 902 to 928 MHz unlicensed frequency. The single-phase digital endpoint prioritizes messages based upon application, operates in a broad-based, multi-purpose network with millions of endpoints, and provide control through a user-friendly interface for network and data management.

In addition to kWh and kW readings, the RF modules report load profile, time-of-use periods (AX only) and up to 5-minute interval data for billing, engineering and customer service applications. RF modules offer high-power output – up to 425 milliwatts – to enable optimal transmission without added infrastructure.

The available FOCUS AX-SD endpoint comes with integrated service disconnect, allowing remote service connection features. FOCUS AX comes with Zigbee® home area network radio for communicating with in-premise devices, such as energy monitors, thermostats and appliances.

## Key Benefits

- Full two-way communication with on-demand read functionality
- Remote upgradeable firmware – eliminates on-site firmware and hardware changes
- Integrated service disconnect (AX-SD platform)
- Advanced data support – demand, TOU, load profile, voltage
- Available Home Area Network Interface – SEP certified

## Residential Endpoints

meter platforms

**E130 FOCUS AL**

**E330 FOCUS AX**

**E350 FOCUS AX-SD**

**Operating Voltage:**

120 to 277 V, depending on form

**Transmit Frequency:**

902 to 928 MHz unlicensed

**Output Power:**

Up to 425mW

**Home Area Network Protocol:**

ZigBee Protocol

**Landis+Gyr+**  
manage energy better