

SMARTGAS MODULE

AMR/AMI Smart Gas Module 4.0

Solutions for advanced Gas AMR/AMI Utilities. With the improved IPv6 capabilities of the AMR/AMI Smart Gas 4.0 module, the utility can deploy modules faster, obtain more precise billing data, monitor multiple devices in the Gas utility system for system management.



Remote-mount Smart Gas module.

FEATURES AND BENEFITS

STYLES FOR ALL METER TYPES

Reduce inventory and streamlined installation. Available in Remote and Retrofit integral mount form factors. The Smart Gas module is compatible with all major brands of Gas meters.

FLEXIBILITY

- Multiple operation modes using the same module for fixed network hybrid (mobile AMR/fixed AMI) as well as EnergyAxis and/or SynergyNet IPv6.
- Account information is captured at the time of installation, allowing the installer to quickly deploy the module in the field without having to match up the correct unit to the address.
- Remote mounting options allow units to be wall- or pipe-mounted with up to 100 feet (30 meters) of wire. Integral-mounted modules can be installed on all major gas meters, both residential and C&I using the existing index on the meter. The module is programmed with the existing index reading at installation so that the radio reading matches the index reading.
- Using EnergyAxis or SynergyNet IPv6 the smart module supports two-way communication within the local area network. The module automatically finds the optimal path to the Gatekeeper or SynergyNet Router.
- Using the time signals obtained from the network with each communication the Gas meter intervals are synchronized with real time, giving the utility an accurate view of data simply not possible with devices that merely bubble-up at various, uncoordinated times.



Integral mount retrofit Smart Gas module.

SECURITY

Secure by design as with other network elements within the System, the Smart module has security built in and not patched on. Supporting AES-128 bit encryption, the Smart Gas module protects its data and communications with enterprise strength technology.

OVER THE AIR SECURE UPGRADES

To ensure secure upgrades, the Smart uses advanced techniques when implementing over-the-air (OTA) upgrades of its firmware. When the OTA process is complete and verified, the Smart Gas module will automatically resume operation as it was programmed to do prior to the upgrade.

GAS METER COMPATIBILITY

Fully compatible with all major gas meters including Honeywell American Meter, Itron(Actaris) and Sensus(Rockwell).

SMART GAS MODULE 4.0 SPECIFICATIONS

- Unlicensed frequency hopping spread spectrum (FHSS) RF technology
- 902 MHz to 928 MHz communication range
- Compliant with FCC Rules, Part 15
- Temperature range of -40 °C to +65 °C
- Meets IP67 Requirements for dust and water resistance.

Find Out More

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Honeywell Smart Energy

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