

# SMART WATER MODULE

## AMR/AMI Smart Water Module 4.0

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



Remote-mount Smart Water module.

## FEATURES AND BENEFITS

### CONFIGURABLE FOR ALL METER TYPES

Reduce inventory and streamlined installation available in remote and pit form factors, the Smart Water module is compatible with most all major brands of water meters. Utilities no longer have to plan inventory for each brand or size of the water meter because the module's compatibility can be set at the time of installation.

### FLEXIBILITY

- Multiple operation modes using the same module for fixed network hybrid (mobile AMR/fixed AMI) as well as Energy Axis 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. Pit-mounted modules can be mounted through a hole in the pit lid or under an RF-friendly pit lid Contact Honeywell for mounting options.
- Using Energy Axis 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 water 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.

### 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 Water module protects its data and communications with enterprise strength technology.



Pit-mount Smart Water module.

## 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 Water module will automatically resume operation as it was programmed to do prior to the upgrade.

## WATER METER COMPATIBILITY

Fully compatible with current digital and encoded registers from the following manufacturers:

- |                           |                  |
|---------------------------|------------------|
| - AMCO elster (Honeywell) | - Mueller        |
| - Badger                  | - Master Meter   |
| - Hersey                  | - Metron Farnier |
| - Sensus                  | - Neptune        |
| - Kamstrup                | - Diehl          |

## SMART WATER MODULE 4.0 SPECIFICATIONS

- |   |   |
|---|---|
| - Unlicensed frequency hopping spread spectrum (FHSS) RF technology | - Temperature range of -40 °C to +65 °C |
| - 902 MHz to 928 MHz communication range                            | - Remote housing meets IP67             |
| - Compliant with FCC Rules, Part 15                                 | - Pit housing meets IP68                |

### Find Out More

SmartEnergy@Honeywell.com  
800-786-2215 (Honeywell Smart Energy sales information)  
866-554-9007 (Product support)

### Honeywell Smart Energy

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