

PROVEN TECHNOLOGY

Sensus iPERL Water Meter

Safe guard features:

- No moving parts/electromagnetic flow measurement
- Not susceptible to mechanical “Spinning”
- Built in failure modes and alarming for reading errors
- Compliant with ANSI/AWWA¹ Standard C-700, C-710
- Compliant with NSF/ANSI¹ Standard 61 Annex F & G tested to AWWA standards
- Tamperproof and hermetically sealed register
- Built in alarming defaults to identify leak conditions
- 35 day data logging capability for accuracy reconciliation / troubleshooting

Sensus FlexNet AMI (Advanced Metering Infrastructure):

The Meter Data Manager tool provides management reports for the data collected by the FlexNet system. Enable reports to identify: all meters read, all unread meters, high/low meter usage, possible leak conditions, and hourly weekly monthly bi-annual and yearly consumption with selectable date ranges. This allows the Village to monitor for cases of unusual consumption levels. System complies with security standard AES¹-256K & Achilles Practices Certification.

EXPERIENCE

- Approximately **11 million** accounts on Sensus FlexNet installed nationally
- Over **800,000 iPERL installations** nationally
- Over **80 Illinois** municipalities currently deploy iPERL meters
- SIEMENS (installing contractor) has installed:
 - Approximately **84,000 Sensus** water meters; Approximately **30,000 iPERL** units

SAFE GUARDS & ON-GOING QUALITY ASSURANCE

- All meters tested and calibrated at factory
- Each meter shipped with QA/QC verification information
- 20-year material and accuracy warranty
- On-site installation commissioning
- **3rd Party annual meter testing** program in place over Useful Equipment Life of meters

¹ ANSI: American National Standards Institute
AWWA: America Water Works Association
NSF: National Sanitation Foundation
AES: Advanced Encryption Standard