



FENIX

X4 Water Endpoint

Harness the power of multi-carrier LTE-M with solar technology.

FENIX devices seamlessly access multiple major cellular networks to eliminate on-site interventions and complex commissioning. Perfect for new meter deployments, or to re-automate existing investments by embracing a meter-neutral, open architecture. Benefit from unmatched longevity with true next-generation AMI, regardless of existing meter hardware.

CLEAN RENEWABLE ENERGY

FENIX cellular endpoints harness solar power to increase battery life expectancy with 20-year warranties. Increase your utility's return on investment while lowering battery end-of-life issues and the footprint legacy from recycling lithium batteries.

CELLULAR BENEFITS

Two-way, multi-carrier LTE-M cellular connectivity negates the need for the construction and maintenance of traditional RF networks. Use of a secure and redundant existing cellular network infrastructure automatically becomes an extension of your utility's resources.

ADVANCED SOFTWARE

Utilities are able to seamlessly integrate systems during a hardware transition thanks to FENIX software that provides a combined, single display of data. This feature is especially helpful during a multi-year project. Experience advanced functionality, user-configurable alarms, alerts, and the ability to change settings remotely.



ENDPOINT FEATURES

- Multi-Carrier LTE-M Cellular
- Solar & Battery Power
- 120-Day Storage of Hourly Data
- Over-the-Air Firmware
- Remote Configuration
- 3X + Daily Transmissions
- 100% Encoded Meter Compatibility
- Secure Data Encryption

METER NEUTRAL ADVANTAGE

Meter neutral endpoints offer the benefit of having multiple major meter brands wired to any encoded output register reporting into a single head end system. The FENIX solution fully accommodates retrofits and new installations. Save time and lower costs with the latest AMI water endpoint technology.

CONNECTION + INTEGRITY + INTELLIGENCE + EXPERIENCE + AMERICAN MADE



TECHNICAL SPECIFICATIONS

Communication Type	Two-way Multi-Carrier, Industry Standard LTE-M Cellular. 700MHz-1.9Ghz Licensed. Bluetooth 5.0 included standard on every endpoint		
Power	3.6V Lithium Battery + HLC, Solar and patented Power Management Platform		
Environmental	-30° to 65° C / -22° to 150°F, IP67		
Connection Options	Nicor, Itron, Bare Wire		
Transmissions	Default 3X per Day Weekday, 1 Configurable 1X per day Weekend		
Installation	Wireless BLE 2.0 from any Android Device		
Leak Detection	Endpoints can detect leaks via configurable thresholds in the OMNIA software		
Reverse / Zero Flow Detection	Reverse and zero flow is detected on all endpoints connected to an encoded output meter. Where register values reverse or are zero, flags are transmitted via status output from the meter		
Data Logging	Endpoints store up to 120 days of hourly meter reads		
Data Security	Endpoint data is encrypted during transmission using AES 256		
Theft or Cut Wire Detector	If wire is cut an alarm will be sent via the software notifying operational staff		
Encoded Meter Compatibility, Meter Neutral	Diehl Sensus Neptune Badger	Master Meter Kamstrup Honeywell Zenner	RG3 Hersey Mueller Siemens

All Endpoints comply with Part 15, Part 22, Part 24, and Part 27 of the FCC Rules. No license required by the utility to operate FENIX devices.



For More Information Contact:

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