



LTE-M Cellular Devices

Sustainable Efficiency. Future Ready.



Featuring
Solar Boost
Technology!

X330W LTE-M CELLULAR AMI WATER ENDPOINT

The first endpoint to leverage the power of the sun to extend battery life, SET leads utility management innovation in clean renewable energy, and excellence in energy management. Built on industry standards, the X330W meter neutral endpoint for water utilities redefines simplicity, performance, safety, environmental endurance, and savings. SET's feature rich head-end analytics, expert professional services, and pre-installed multi-carrier cellular infrastructure are included. The X330W breathes new life into your business case for transitioning from fixed-base AMI or legacy AMR. SET delivers long battery life and performance with enhanced operational excellence.

Solar Benefits

SET's 3 series product line brings clean renewable energy to AMI devices. SET uses solar power to offer unmatched product warranties and system life expectancy. Enhancing the return on investment with a longer life cycle for utilities while lowering battery end-of-life issues and the footprint of recycling lithium batteries.

Advanced Software

SET's software architecture allows seamless integration with existing systems during a system transition so any utility can achieve a single view of their data. This feature is especially helpful during a multi-year project. SET software provides advanced functionality, user configurable alarms, alerts, and the ability to change settings remotely on the AMI water endpoints.

Cellular Benefits

X330W cellular endpoints operate on existing public and private LTE-M networks to provide two-way connectivity. Negating the need for the construction and maintenance of traditional RF networks. SET's multi-carrier solution does not require any ongoing infrastructure maintenance by the utility. The utilization of a secure and redundant existing cellular network infrastructure automatically become an extension of the utility's resources.

Meter Neutral Endpoints

SET endpoints are compatible with all major meter brands, and can be wired to any encoded output register. With the SET solution, utilities can have meters of choice reporting into a single SET system. SET fully accommodates retrofits and new installations.

X330W ENDPOINT FEATURES

- Multi-Carrier LTE-M Cellular
- Solar and Battery Power
- 120 Days Storage of Hourly Data
- 3X Transmissions Per Day
(with 1 Configurable)
- Deployment Simplicity
- Encrypted Data
- 100% Encoded Meter Compatibility
- Remotely Configurable
- Over-the-air Firmware

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 SET 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 SET 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 SET software notifying operational staff		
Encoded Meter Compatibility: Meter Neutral	Diehl Sensus Neptune Badger	Master Meter Kamstrup Honeywell Zenner	RG3 Hersey Mueller Siemens

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

Electric. Water. Gas.
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