



# Revelo<sup>®</sup> Cellular Meters

## Cellular-capable Grid-sensing Meters

Landis+Gyr's Revelo Cellular meters build on the benefits of Revelo's high-resolution current and voltage metrology, edge intelligence capability, and built-in Wi-Fi, replacing mesh communications with an LTE-M cellular communication option that is preconfigured to self-register with Landis+Gyr's head-end system. Revelo Cellular models can be deployed using Landis+Gyr's turnkey cellular service or within a utility's existing cellular network plan.

### Rapidly Gain Best-in-class Revelo Features with Cellular Option

Utilities with existing grid networks may face costly mesh network upgrades or integrations in order to begin deployment of advanced metering. With the Revelo Cellular option, meters can be deployed wherever cellular service is available without this overhead, allowing utilities to rapidly deploy industry-leading technology as needed, without conflicts with proprietary communications or legacy technology.

### Flexible Deployment Options

For ease of deployment, Landis+Gyr offers multiple paths to add meters to the cellular network, including an omnico-coverage solution option on public cellular infrastructure. With this solution, Landis+Gyr offers industry-best conditions and service level agreements for public cellular infrastructures that are beyond what a single carrier can provide, including a guarantee of service for the lifetime of cellular assets otherwise available only with private infrastructure.

### FEATURES

- High resolution current and voltage streaming to an integrated Edge Intelligence Card
- Gridstream<sup>®</sup> Connect App OS enabled sensor
- LTE-M cellular communications
- E360 available in 200 amp and 320 amp disconnect to facilitate residential growth in load due to electrical vehicle chargers, heat pumps, etc.
- E660 available in wide voltage (120-480V) without a disconnect switch for C&I use
- Millisecond resolution network time to aid phase and grid anomaly detection
- Micro arc sensing for early detection of hot socket conditions
- Wi-Fi Certified and Internet enabled open application ecosystem with third-party and utility partner application creation potential
- Enhanced power quality and richer harmonics measurement
- High-resolution billing system (ready for the future of transactive energy)

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## Product Specifications

AVAILABLE FORMS	
<b>Revelo E360 Residential</b>	120V or 240V fixed voltage power supply <ul style="list-style-type: none"> <li>• Self-contained:               <ul style="list-style-type: none"> <li>– 1S-SD CL100</li> <li>– 2S-SD CL200 and 2SE-SD CL320</li> <li>– 12S-SD / 25S-SD CL200</li> </ul> </li> </ul>
<b>Revelo E660 C&amp;I</b>	120-480V auto-ranging power supply <ul style="list-style-type: none"> <li>• Self-contained:               <ul style="list-style-type: none"> <li>– 1S CL200</li> <li>– 2S CL200 and 2SE CL320</li> <li>– 12S / 25S CL200 and 12SE / 25SE CL320</li> <li>– 14S / 15S / 16S CL200 and 14E / 15SE / 16SE CL320</li> </ul> </li> <li>• Transformer Rated:               <ul style="list-style-type: none"> <li>– 3S CL20</li> <li>– 3SC CL20</li> <li>– 4S CL20</li> <li>– 6S / 8S / 9S / 29S / 36S / CL20</li> <li>– 5S / 45S CL20</li> </ul> </li> </ul>
CELLULAR SUPPORT	
<b>4G LTE Cat-M</b>	B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B28, B66, B85
<b>Chipset</b>	HL7810 (Sony ALT1250)

CARRIER MODELS	
<b>Carrier Direct Public or Private LTE</b>	<ul style="list-style-type: none"> <li>• Public: Utility handles relationship and billing with cellular carrier</li> <li>• Private LTE: Utility-managed network, Anterix</li> <li>• SIMs are provided to Landis+Gyr</li> </ul>
<b>Landis+Gyr Bundled Multi-carrier MVNO</b>	<ul style="list-style-type: none"> <li>• Bundled coverage among multiple US and Canadian operators</li> <li>• Landis+Gyr manages contract and billing with Vodafone MVNO</li> <li>• Supported Operators:               <ul style="list-style-type: none"> <li>– United States: Verizon, AT&amp;T, T-Mobile</li> <li>– Canada: Bell, Telus</li> </ul> </li> </ul>
SIM	
<b>SIM</b>	<ul style="list-style-type: none"> <li>• Industrial 3FF</li> </ul>
CERTIFICATIONS	
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC/ISED</li> <li>• PTCRB</li> <li>• Industry Canada</li> </ul>
<b>Carriers</b>	<ul style="list-style-type: none"> <li>• AT&amp;T</li> <li>• Verizon</li> </ul>
COMMAND CENTER	
<b>Command Center</b>	8.7+

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## Get In Touch

For more information about the industry-leading Revelo Metering Platform, visit [landisgyr.com/product/revelo-meters/](https://landisgyr.com/product/revelo-meters/). Learn more about Landis+Gyr's [Gridstream Connect Cellular Communications Solutions](#).

## Let's Build a Brighter Future Together.

Since 1896, Landis+Gyr has been a global leader of energy management solutions. We've provided more than 3,500 utility companies all over the world with the broadest portfolio of products and services in the industry. With a worldwide team of 1,300+ engineers and research professionals, as well as an ISO certification for quality and environmental processes, we are committed to improving energy efficiency, streamlining operations, and improving customer service for utility providers.