

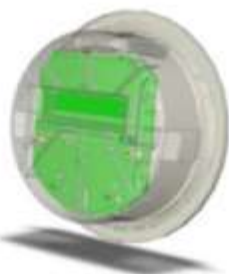
**CONC M10-LG-F1**
**AMR for Utility Demand  
Response Monitoring**
**Product Description**
**CONC M10-LG-F1**
**900MHz Wireless AMR Meter (L+G FOCUS  
GEN 2)**

The CONC M10-LG-F1 is a complete high performance 900 MHz AMR solution utilizing the CONC proprietary H-NET™ Network protocol. The AMR electronics are embedded in Landis + Gyr's FOCUS GEN2 meter targeted for residential electricity demand usage monitoring.

The M10 encodes accurate consumption information from the electricity meter, and then transmits the data to an H-NET™ enabled cellular BaseStation at intervals of 15 minutes, 24/7.

The H-NET™6.0 Point to Point Link Architecture provides both increased range and the ability to dynamically reconfigure the network to provide the optimal data signal path, thus increasing network reliability and throughput.

Rapid utility demand response can now be realized with the availability of endpoint specific load analysis, resulting in increased utility efficiencies.



For more information on the M10 and the H-NET™ solution, visit on line at [www.conectisys.com](http://www.conectisys.com) or contact us at our corporate offices.

**Features**


- **Integrated Landis + Gyr FOCUS Single Phase Meter**
- **H-NET™6.0 Network Protocol Compatible**
- **Advanced AMR solution for Residential monitoring**
- **Completely Integrated Radio Transceiver and Processor**
- **Supports Multiple Hop Layers for extended range and reliability**
- **Built in Flash Memory**
- **900 MHz ISM band spread spectrum transceiver**
- **Compact high efficiency embedded antenna**
- **Built-in Adaptive Dynamic Power Allocation**
- **15 Minute Interval Reporting via cellular BaseStation**
- **No Field Programming Required**
- **On Demand Diagnostics Over The Air (ODDOTA)**
- **Power Disconnect Capable**

**AMR MeterSystem**

**Product Specifications**

**AMR Bi-Directional Utility Demand**

**Response Monitoring for:**

**Commercial & Residential**



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| <ul style="list-style-type: none"> <li>▪ <b>Frequency Band</b></li> <li>▪ <b>RF Data Rate</b></li> <li>▪ <b>RF Technology</b></li> <li>▪ <b>RF Power</b></li> <li>▪ <b>Power Dissipation</b></li> <li>▪ <b>AC Line Voltage</b></li> <li>▪ <b>Compliance</b></li> <li>▪ <b>Security Encryption</b></li> <li>▪ <b>Meter FORM</b></li> <li>▪ <b>L+G Focus Meter Type</b></li> <li>▪ <b>Operating Temperature</b></li> <li>▪ <b>Storage Temperature</b></li> <li>▪ <b>Meter Data Parameters:</b></li> </ul> | <p><b>902-928 MHz</b></p> <p><b>76.8 kbps</b></p> <p><b>Frequency Hopping Spread Spectrum (FHSS), 50 Channels</b></p> <p><b>Approx. 1W maximum peak , 20msec</b></p> <p><b>50mA to 1300mA (max transmit)</b></p> <p><b>240 VAC, Single Phase</b></p> <p><b>FCC Part 15.247</b></p> <p><b>56-bit DES Encryption Key</b></p> <p><b>2S</b></p> <p><b>EA110000-A000</b></p> <p><b>-40°C to +80°C</b></p> <p><b>-50°C to +85°C</b></p> <p><b>kWh, cumulative</b></p> <ul style="list-style-type: none"> <li>❖ kW, instantaneous</li> <li>❖ Voltage, instantaneous</li> <li>❖ Meter Serial Number</li> <li>❖ 2-way RSSI</li> <li>❖ Network: Logical Address, RF Channel, Link Data (Hop Layer Routing)</li> </ul> |
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