MARK-V U-Com2 Advanced Multi-Port Multi-User Data Telemetry Module

■10 Ethernet Ports, Dual-SIM 4G Cellular, 4 RS232/485 Ports

Product Applications

- Distributed Energy Resources Solar and Wind Energy
- Power Generation Metering
- ISO Transmission Grid Metering
- Utility Intertie Metering
- Digital Substations Metering
- Co-Generation Metering
- Industrial Facility Metering

U-Com2 Telemetry Module Key Features

- Enables Multiple Entities to Simultaneously Access Real-time DNP3/Modbus Metering and Accumulated Meter Register Data
- 10 configurable Ethernet Ports, a Non-Routable DNP3 Ethernet Port, Dual-SIM 4G Cellular and (4) RS232/485 Serial Ports
- Advanced 4G Dual-SIM Verizon and AT&T Network Compatible Under-Glass Module that enables provisioning to the wireless network with the best coverage at the meter site
- Provides Gateway Hub Communications Functionality for Connecting to External Devices via Ethernet or Serial
- Network Time Protocol (NTP) Time Synchronization
- Itron MV-90 and Primestone Meter Reader System Compatible

Provides Multiple Users Real-Time Access to DNP3/Modbus and Accumulated Register Data

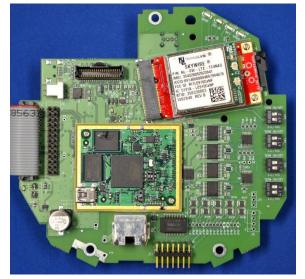
The MARK-V U-Com2 Telemetry Module delivers a powerful solution for advanced revenue metering installations enabling simultaneous multi-port Ethernet, 4G LTE wireless and RS232/485 serial data connectivity for real-time DNP3/Modbus SCADA monitoring and accumulated register data retrieval. The U-Com2 module is also available with a secure non-routable DNP3 Ethernet port for connecting to monitoring entities outside the secure ring perimeter. No other advanced revenue meter can provide this level of enhanced data telemetry capabilities.

At the core of the U-Com2 Module is an open-standards operating system that provides flexibility to meet the challenging real-time, multipath data telemetry requirements of today's advanced revenue metering applications. The U-Com2 enables multiple authorized users from multiple entities to simultaneously access accumulated revenue metering and real-time DNP3 and Modbus SCADA data from MARK-V meters using any of U-Com2 module's communication ports.

The U-Com2 module can be equipped with some or all of the available communication options including 4G LTE Wireless, multiport Ethernet and RS232/485 serial ports.







U-Com2 Under-Glass Communication Module

Simplicity & Flexibility

MARK-V U-Com2 configuration software is designed for simplicity and ease of use which means a minimal learning curve for your techs to get your meters up and running with the latest advanced communication offerings.

| Wireless Module Activation | x |
|------------------------------------|-----------------------|
| PASSWORD — | |
| Enter The Password: 33333333 | 3 |
| ✓ UCOM | |
| MODULE PHONE NUMBER | |
| Phone Number(MDN) | <u>R</u> etrieve |
| ID Num. (MIN/MSID) | Change |
| MODULE REVISION AND CONFIGURATION- | |
| | R <u>e</u> trieve |
| | |
| | |
| _MODULE ACTIVATE | |
| -WIRELESS CARRIER | |
| O Verizon(SIM) | <u>A</u> ctivate UCOM |
| Verizon(eSIM) | |
| ○ AT <u>T</u> (SIM) | |
| | Enable Wireless |
| APN | Disable Wireless |
| so01.VZWSTATIQ | Disciple Wileless |
| | |

MARK-V Software - U-Com2 configuration screen