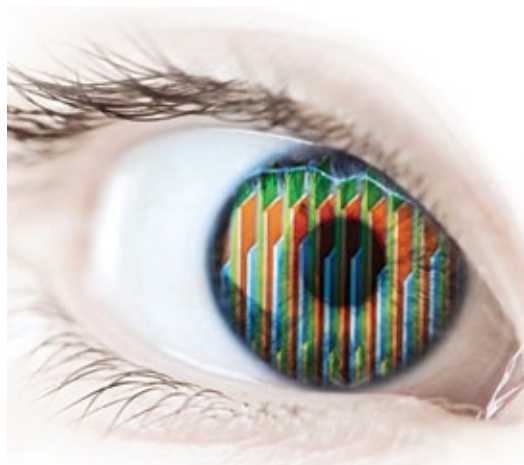




# verifEye™

Submetering Solutions



Reward of Information (ROI)

## SMARTer Metering. SMARTer Control. REAL Savings.

### The Benefits of Submetering

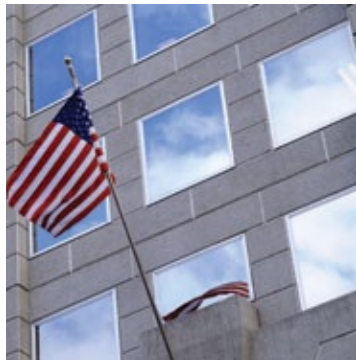
Leviton redefines ROI as Reward of Information with VerifEye™ Submetering Solutions. VerifEye delivers a comprehensive line of leading-edge submeters, communication products, and software solutions as the key building blocks to help you better manage costs and conserve energy.

Develop your strategic energy management plan using revenue grade real-time energy usage information to measure, monitor, and manage operations to improve your bottom line. From tenant billing to energy measurement & verification (M&V) software solutions, VerifEye offers cost effective scalability and integration to provide you with the solution you need today and in the future.

For additional energy savings, combine VerifEye with Leviton lighting controls for a complete energy management solution from a single source.

**VerifEye delivers accurate information for:**

- Tenant billing/cost allocation
- Load profiling & benchmarking
- Measurement & verification (M&V)
- Energy conservation programs
- LEED projects
- Government mandates
- AMR/BMS/EMS integration



## Excellence Comes Standard

- Open architecture design provides easy integration with third party building management system (BMS) platforms
- UL 916 Listed for Energy Monitoring Equipment
- Installer friendly, reverse phase LED and power and load indicators provide installation diagnostics by visually confirming that the product is properly installed and functioning
- Leviton Series 1000, 2000, 3300, and 3500 meters are available in an indoor steel or outdoor NEMA 4X enclosure at the same low price
- Offering includes wide range of meters to meet the needs of any application and automated data collection solutions and energy reporting and analysis software to easily and intelligently manage energy consumption
- Confidently backed by a best in the industry 10 year warranty

## Leviton Metering Philosophy

### Consultative Approach

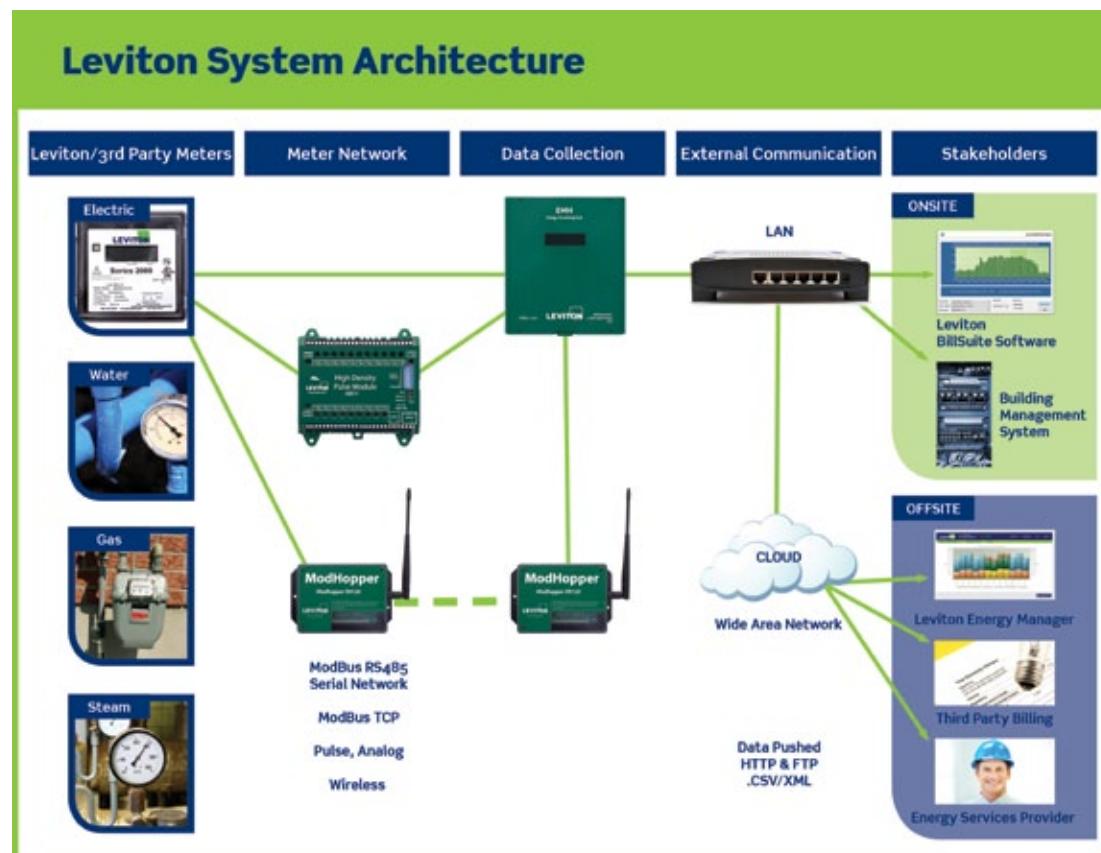
Find right match for each client - each project gets exactly the equipment needed

### Scalable System

Options for future upgrades and additions are available with Leviton's flexible solution—no need to purchase an entire new system

### Open Protocol

Ease of communication between multiple parties and platforms



## VerifEye Meters



MMU



Mini Meter Flush Mount



0.5% Mini Meter



Mini Meter Outdoor



Series 8000

|                                          | Residential                                                                          |                                            | Residential/Commercial                                                               |
|------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------|
| Specifications                           | Mini Meter™ Kits                                                                     | 0.5% Mini Meter Kits                       | Series 8000 Multiple Point High Density Meter                                        |
|                                          | kWh Meter                                                                            |                                            | kWh Meter                                                                            |
| Phase/Wiring                             | 1PH 3W                                                                               | 1PH 3W                                     | 1PH 2W<br>1PH 3W WYE<br>3PH 3W Delta<br>3PH 4W WYE                                   |
| Voltage Configurations                   | 120/208/240                                                                          | 120/208/240                                | 120/208<br>120/240<br>240/416<br>277/480<br>480*                                     |
| Amperages                                | 100-200A<br>100, 200                                                                 | 200A                                       | 100-5000A<br>100, 200, 400, 800, 1600, 3000, 5000                                    |
| Data Output                              | kWh                                                                                  | kWh                                        | kWh<br>Wh delivered and received,<br>VARh delivered and received,<br>VAh, Vrms, Irms |
| Communications Protocol (Standard)       | Isolated Pulse Output                                                                | 2-Way Mesh Network (902-928 MHz)           | ModBus TCP<br>ModBus RTU (RS-485)<br>BACnet IP                                       |
| Current Transformers Options             | Split Core<br>Solid Core                                                             | Solid Core                                 | Split Core<br>Solid Core                                                             |
| Enclosure Options                        | OEM Module<br>Indoor Plastic Flush Mount<br>NEMA 1<br>Outdoor NEMA 4X<br>MMU NEMA 4X | Indoor Flush Mount<br>Indoor Surface Mount | Indoor JIC Steel NEMA (MMU)                                                          |
| Display Type                             | LCD or Mechanical Counter                                                            | LCD                                        | Local LCD, Scroll                                                                    |
| Accuracy                                 | C12.10 +/- 0.5% with paired CTs                                                      | C12.20 0.5% with paired CTs                | C12.10 and C12.20 +/- 0.5%                                                           |
| Multiple Meter Unit (MMU) Configurations | Medium, 2-4 Meters<br>Large, 5-8 Meters<br>Extra-Large, 9-19 Meters                  | —                                          | 3PH: 8x3<br>1PH 3W: 12x2, 9x2, 6x2, 3x2<br>1PH: 24x1                                 |
| Data Storage                             | Last Reading - Cumulative                                                            | Last Reading - Cumulative                  | Last Reading - Cumulative<br>Data in 15 min Intervals                                |

\* With potential transformer - consult factory for availability.



| Commercial                               |                                                                       |                    |                                                                       |                                                                                                                                           |                   |                                                                                |                       |
|------------------------------------------|-----------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------|-----------------------|
|                                          | Series 1000 Single Phase Meter Kits                                   |                    | Series 2000 Three Phase Meter Kits                                    | Series 3300 Multi-Function RS485 Meter Kits<br>Series 3500 Multi-Function Ethernet Meter Kits                                             |                   |                                                                                |                       |
| kWh Meter with Optional Demand           |                                                                       |                    |                                                                       |                                                                                                                                           |                   |                                                                                |                       |
| Phase/Wiring                             | 1PH 2W                                                                | 1PH 3W             | 3PH 4W WYE                                                            | 1PH 3W WYE                                                                                                                                | 3PH 3W Delta      | 3PH 4W WYE                                                                     | 3PH 4W High Leg Delta |
| Voltage Configurations                   | 120                                                                   | 120/208            | 120/208                                                               | Universal Voltage (120-480V)                                                                                                              |                   |                                                                                |                       |
|                                          | 277                                                                   | 120/240<br>277/480 | 277/480                                                               | 120/208<br>277/480                                                                                                                        | 208<br>240<br>480 | 120/208<br>277/480                                                             | 120/240               |
| Amperages                                | 100-800A<br>100, 200, 400, 800                                        |                    | 100-1200A<br>100, 200, 400, 800, 1200                                 | 100-5000A<br>100, 200, 400, 800, 1600, 3000, 5000                                                                                         |                   |                                                                                |                       |
| Data Output                              | kWh<br>Optional kW<br>(peak demand reset)                             |                    | kWh<br>Optional kW<br>(peak demand reset)                             | kWh<br>kW (peak demand reset)<br>Meter total: kVAR, kVA, Power Factor & kW<br>By Phase: Volts, Watts, Amps, Power Factor<br>Interval Data |                   |                                                                                |                       |
| Communications Protocol (Standard)       | Isolated Pulse Output                                                 |                    | Isolated Pulse Output                                                 | Series 3300<br>Isolated Pulse Output<br>Modbus RTU over RS-485<br>BACnet MS/TP                                                            |                   | Series 3500<br>Isolated Pulse Output<br>Ethernet<br>Modbus TCP/IP<br>BACnet IP |                       |
| Current Transformers Options             | Split Core<br>Solid Core                                              |                    | Split Core<br>Solid Core                                              | Split Core<br>Solid Core                                                                                                                  |                   |                                                                                |                       |
| Enclosure Options                        | Indoor JIC Steel NEMA 1<br>Outdoor NEMA 4X                            |                    | Indoor JIC Steel NEMA 1<br>Outdoor NEMA 4X<br>MMU JIC Steel NEMA 1    | Indoor JIC Steel NEMA 1<br>Outdoor NEMA 4X                                                                                                |                   |                                                                                |                       |
| Display Type                             | Local LCD                                                             |                    | Local LCD                                                             | Local LCD, Scroll                                                                                                                         |                   |                                                                                |                       |
| Accuracy                                 | C12.10 and C12.20<br>+/- 0.5%                                         |                    | C12.10 and C12.20<br>+/- 0.5%                                         | C12.10 and C12.20<br>+/- 0.5%                                                                                                             |                   |                                                                                |                       |
| Multiple Meter Unit (MMU) Configurations | —                                                                     |                    | Medium, 2-4 Meters<br>Large, 5-8 Meters/<br>Extra-Large, 9-19 Meters  | —                                                                                                                                         |                   |                                                                                |                       |
| Data Storage                             | Last Reading - Cumulative<br>Peak Demand with Key<br>Reset (optional) |                    | Last Reading - Cumulative<br>Peak Demand with Key<br>Reset (optional) | Last Reading - Cumulative<br>Peak Demand with Key Reset<br>Data in 15 min Intervals                                                       |                   |                                                                                |                       |

## Mini Meter™

### EQUITABLE TENANT BILLING

Some multi-tenant residential properties include energy costs in rental fees and generally charge tenants for energy based on the square footage occupied. To be truly equitable, tenants should pay only for what they actually use. With Leviton Mini Meters, building managers can easily track and allocate energy usage costs fairly to multiple tenants, as well as recoup energy expenses from common-use areas (parking lots, hall lighting, etc.). Tenants benefit by paying only for the energy they use; and when they focus on conserving energy, they can see direct financial benefits from their efforts.

- kWh Meter
- 120V 1PH 2W and 120/208/240V 1PH 3W
- 100-200 Amps
- Pulse Output - standard feature
- Available in indoor flush mount or surface mount enclosure
- Available in NEMA 4X indoor/outdoor individual meter enclosures and Multiple Meter Units (MMUs) from 2 to 19 meters
- Models include built in tamper proof switch or built in wireless AMR and temperature sensing capabilities
- Revenue grade accuracy: 0.5% accuracy class
- Use with split core or solid core CTs
- Up to three sets of CTs per phase can be paralleled per meter with no multipliers
- Components of Mini Meter Kits are UL/cUL Listed Energy Usage Monitor per CCN FTRZ



Indoor  
Flush Mount  
Mini Meter



Indoor Surface Mount  
Mini Meter



Outdoor  
Mini Meter

## MINI METER KITS

Note: Kits include meter, specified enclosure and required current transformers

### Mini Meter Kits - Indoor Flush Mount Enclosure

| VOLTAGE                                      | AMPS | CTS INCLUDED | CAT. NO.  |
|----------------------------------------------|------|--------------|-----------|
| 120/208V 3W or 120/240V 1PH 3W (Split Phase) | 100A | 2 SOLID CTs  | MK240-1SW |
|                                              | 200A | 2 SOLID CTs  | MK240-2SW |

### Mini Meter Kits - Outdoor Enclosure

| VOLTAGE                                          | AMPS | CTS INCLUDED | CAT. NO.  |
|--------------------------------------------------|------|--------------|-----------|
| 120/208V 3W or 120/240V 1PH 3W (Split Phase)     | 100A | 2 SOLID CTs  | MO240-1SW |
|                                                  | 200A | 2 SOLID CTs  | MO240-2SW |
| 120/208V 2PH 3W or 120/240V 1PH 3W (Split Phase) | 100A | 2 Split CTs  | MO240-01W |
|                                                  | 200A | 2 Split CTs  | MO240-02W |

### 0.5% Mini Meter Kits - Indoor Flush Mount Enclosure\*

| VOLTAGE                                                              | AMPS  | CTS INCLUDED | CAT. NO.  |
|----------------------------------------------------------------------|-------|--------------|-----------|
| 120/208/240V 2PH 3W                                                  | 200 A | 2 SOLID CTs  | 6P201-Co2 |
| 120/208/240V 2PH 3W (includes Time of Use (TOU))                     | 200 A | 2 SOLID CTs  | 6W201-Co2 |
| 120/208/240V 2PH 3W (includes Time of Use (TOU) & Temperature)       | 200 A | 2 SOLID CTs  | 6W201-Do2 |
| 120/208/240V 2PH 3W (includes Time of Use (TOU) & Delta Temperature) | 200 A | 2 SOLID CTs  | 6W201-Eo2 |
| 120/208/240V 2PH 3W (OEM Module Kit)                                 | 200 A | 2 SOLID CTs  | 7H201-So2 |

### 0.5% Mini Meter Kits - Indoor Surface Mount Enclosure\*

| VOLTAGE                                                                                    | AMPS  | CTS INCLUDED | CAT. NO.  |
|--------------------------------------------------------------------------------------------|-------|--------------|-----------|
| 120/208/240V 2PH 3W                                                                        | 200 A | 2 SOLID CTs  | 6PSMT-Co2 |
| 120/240V 1PH 3W (includes Time of Use (TOU) enabled kWh Transceiver)                       | 200 A | 2 SOLID CTs  | MMSMT-Co2 |
| 120/240V 1PH 3W (includes Time of Use (TOU) and Temperature enabled kWh Transceiver)       | 200 A | 2 SOLID CTs  | MMSMT-Do2 |
| 120/240V 1PH 3W (includes Time of Use (TOU) and Delta Temperature enabled kWh Transceiver) | 200 A | 2 SOLID CTs  | MMSMT-Eo2 |

## Wireless Repeater

| CAT. NO.  | DESCRIPTION                                                                     |
|-----------|---------------------------------------------------------------------------------|
| T101R-05V | Repeater, 5V, includes 5VDC 1A plug-in power supply and internal backup battery |

## Wireless Data Concentrating Access Points (DCAPs)\*\*

| CAT. NO.  | DESCRIPTION                                                                                          |
|-----------|------------------------------------------------------------------------------------------------------|
| T201E-151 | Data Concentrating Access Point (DCAP), Low Capacity (150 meter points max), built-in radio receiver |
| T201E-102 | DCAP, High Capacity (1000 meter points max), built-in radio receiver                                 |
| T201G-UNL | DCAP-Gateway, unlimited meter points, built-in radio receiver                                        |
| T221C-202 | Central Database Gateway, supports up to 2000 meter points                                           |

\*For a complete wireless Automatic Meter Reading (AMR) system, data transceivers and other wireless network components (DCAPs and Repeaters) are required as dictated by building construction.

TOU = Time of Use, providing 15-minute time-stamped kWh interval data

\*\*All DCAPs and Gateways shipped with 6VDC, minimum 1.5 Amp power supply, Ethernet cable and USB cable

## Multiple Meter Units (MMUs)

For both retrofit and new construction, Leviton Multiple Meter Units (MMUs) are fast and easy to install. They come pre-wired per project configuration sheets with clearly labeled connections, minimizing the electrical installation time, another great money saving feature.

All Leviton MMUs are UL Listed assemblies, giving your customers extra assurance for no extra cost. Choose from an indoor steel model in 4/8/16 unit single- or three-phase configurations utilizing Series 2000 meters or a weatherproof outdoor enclosure in 4/8/19 unit single-phase configurations utilizing Mini Meters. If your application requires a different configuration, Leviton is ready to help.



Series 2000 Multiple Meter Unit (MMU)



Mini Meter Multiple Meter Unit (MMU)

## MINI METER MMUS

| VOLTAGE                                                               | DESCRIPTION            | CAT. NO.  |
|-----------------------------------------------------------------------|------------------------|-----------|
| <b>MEDIUM MINI METER MMU, 2-4 METERS</b>                              |                        |           |
| 120/240V<br>1PH 3W                                                    | 2 Dual Element Meters  | 6M202-CFG |
|                                                                       | 3 Dual Element Meters  | 6M203-CFG |
|                                                                       | 4 Dual Element Meters  | 6M204-CFG |
| 120/208V<br>3PH 4W                                                    | 2 Dual Element Meters  | 6M302-CFG |
|                                                                       | 3 Dual Element Meters  | 6M303-CFG |
|                                                                       | 4 Dual Element Meters  | 6M304-CFG |
| <b>LARGE MINI METER MMU, 5-8 METERS</b>                               |                        |           |
| 120/240V<br>1PH 3W                                                    | 5 Dual Element Meters  | 6L205-CFG |
|                                                                       | 6 Dual Element Meters  | 6L206-CFG |
|                                                                       | 7 Dual Element Meters  | 6L207-CFG |
|                                                                       | 8 Dual Element Meters  | 6L208-CFG |
| 120/208V<br>3PH 4W                                                    | 5 Dual Element Meters  | 6L305-CFG |
|                                                                       | 6 Dual Element Meters  | 6L306-CFG |
|                                                                       | 7 Dual Element Meters  | 6L307-CFG |
|                                                                       | 8 Dual Element Meters  | 6L308-CFG |
| <b>EXTRA-LARGE MINI METER MMU, 9-19 METERS,<br/>NEMA 4X ENCLOSURE</b> |                        |           |
| 120/240V<br>1PH 3W                                                    | 9 Dual Element Meters  | 6X209-CFG |
|                                                                       | 10 Dual Element Meters | 6X210-CFG |
|                                                                       | 11 Dual Element Meters | 6X211-CFG |
|                                                                       | 12 Dual Element Meters | 6X212-CFG |
|                                                                       | 13 Dual Element Meters | 6X213-CFG |
|                                                                       | 14 Dual Element Meters | 6X214-CFG |
|                                                                       | 15 Dual Element Meters | 6X215-CFG |
|                                                                       | 16 Dual Element Meters | 6X216-CFG |
|                                                                       | 17 Dual Element Meters | 6X217-CFG |
|                                                                       | 18 Dual Element Meters | 6X218-CFG |
| 120/208V<br>3PH 4W                                                    | 9 Dual Element Meters  | 6X309-CFG |
|                                                                       | 10 Dual Element Meters | 6X310-CFG |
|                                                                       | 11 Dual Element Meters | 6X311-CFG |
|                                                                       | 12 Dual Element Meters | 6X312-CFG |
|                                                                       | 13 Dual Element Meters | 6X313-CFG |
|                                                                       | 14 Dual Element Meters | 6X314-CFG |
|                                                                       | 15 Dual Element Meters | 6X315-CFG |
|                                                                       | 16 Dual Element Meters | 6X316-CFG |
|                                                                       | 17 Dual Element Meters | 6X317-CFG |
|                                                                       | 18 Dual Element Meters | 6X318-CFG |
|                                                                       | 19 Dual Element Meters | 6X319-CFG |

## SERIES 2000 MMUs

| VOLTAGE                                                                | DESCRIPTION             | CAT. NO.  |
|------------------------------------------------------------------------|-------------------------|-----------|
| <b>MEDIUM SERIES 2000 MMU, 2-4 METERS</b>                              |                         |           |
| 120/208V<br>3PH 4W                                                     | 2 Three Element Meters  | 2M202-CFG |
|                                                                        | 3 Three Element Meters  | 2M203-CFG |
|                                                                        | 4 Three Element Meters  | 2M204-CFG |
| 277/480V<br>3PH 4W                                                     | 2 Three Element Meters  | 2M402-CFG |
|                                                                        | 3 Three Element Meters  | 2M403-CFG |
|                                                                        | 4 Three Element Meters  | 2M404-CFG |
| <b>LARGE SERIES 2000 MMU, 5-8 METERS</b>                               |                         |           |
| 120/208V<br>3PH 4W                                                     | 5 Three Element Meters  | 2L205-CFG |
|                                                                        | 6 Three Element Meters  | 2L206-CFG |
|                                                                        | 7 Three Element Meters  | 2L207-CFG |
|                                                                        | 8 Three Element Meters  | 2L208-CFG |
| 277/480V<br>3PH 4W                                                     | 5 Three Element Meters  | 2L405-CFG |
|                                                                        | 6 Three Element Meters  | 2L406-CFG |
|                                                                        | 7 Three Element Meters  | 2L407-CFG |
|                                                                        | 8 Three Element Meters  | 2L408-CFG |
| <b>EXTRA-LARGE SERIES 2000 MMU, 9-16 METERS,<br/>NEMA 4X ENCLOSURE</b> |                         |           |
| 120/208V<br>3PH 4W                                                     | 9 Three Element Meters  | 2X209-CFG |
|                                                                        | 10 Three Element Meters | 2X210-CFG |
|                                                                        | 11 Three Element Meters | 2X211-CFG |
|                                                                        | 12 Three Element Meters | 2X212-CFG |
|                                                                        | 13 Three Element Meters | 2X213-CFG |
|                                                                        | 14 Three Element Meters | 2X214-CFG |
|                                                                        | 15 Three Element Meters | 2X215-CFG |
|                                                                        | 16 Three Element Meters | 2X216-CFG |
| 277/480V<br>3PH 4W                                                     | 9 Three Element Meters  | 2X409-CFG |
|                                                                        | 10 Three Element Meters | 2X410-CFG |
|                                                                        | 11 Three Element Meters | 2X411-CFG |
|                                                                        | 12 Three Element Meters | 2X412-CFG |
|                                                                        | 13 Three Element Meters | 2X413-CFG |
|                                                                        | 14 Three Element Meters | 2X414-CFG |
|                                                                        | 15 Three Element Meters | 2X415-CFG |
|                                                                        | 16 Three Element Meters | 2X416-CFG |

## Series 8000 Multi-Point High Density Meters

The VerifEye™ Series 8000 Multiple Point Meters are designed to meter high density applications such as multi-tenant office and residential buildings, medium-sized retail stores, institutional facilities, and more. For easy data accessibility, the Series 8000 design is based on an open protocol network to transmit data over ModBus and BACnet™. Combining revenue-grade electrical submetering with building automation communications technology, the Series 8000 complies with all regulatory electric safety and communications requirements and meets stringent ANSI 0.5 Accuracy Class standards.

- Allows for revenue grade metering of up to 24 individual circuits in one device
- Provides multiple electric loads in one device
- Monitors up to 24 current transformers - 8 3-phase, 12 2-phase or 24 single phase loads
- Branch Circuit Monitoring
- Universal voltage
- 100-5,000 Amp current transformers
- Native communications protocol - Modbus TCP, Modbus RTU (RS-485) and BACNet IP standard
- Measures kilowatt hours, kW demand, volts, amps
- Interval and net metering
- Configurable via Ethernet or ModBus RTU network to BMS or VerifEye software solutions



### SERIES 8000 MULTI-POINT HIGH DENSITY METERS

| VOLTAGE                            | DESCRIPTION                                  | CAT. NO.  |
|------------------------------------|----------------------------------------------|-----------|
| <b>RESIDENTIAL</b>                 |                                              |           |
| 120/208/240V 1PH 3W                | Phase Config 3x2 with Wiring Harness         | S8120-032 |
| 120/208/240V 1PH 3W                | Phase Config 6x2 with Wiring Harness         | S8120-062 |
| 120/208/240V 1PH 3W                | Phase Config 9x2 with Wiring Harness         | S8120-092 |
| 120/208/240V 1PH 3W                | Phase Config 12x2 with Wiring Harness        | S8120-122 |
| <b>COMMERCIAL &amp; INDUSTRIAL</b> |                                              |           |
| 120/208V or 277/480V 3PH           | Phase Config 8x3 with Termination Enclosure  | S8UTS-083 |
| 120/208V or 277/480V 1PH 3W        | Phase Config 12x2 with Termination Enclosure | S8UTS-122 |
| 120/208V or 277/480V 1PH 3W        | Phase Config 24x1 with Termination Enclosure | S8UTS-241 |
| 120/208V or 277/480V 3PH           | Phase Config 8x3 with Wiring Harness         | S8UWH-083 |
| 120/208V or 277/480V 1PH 3W        | Phase Config 12x2 with Wiring Harness        | S8UWH-122 |
| 120/208V or 277/480V 1PH 3W        | Phase Config 24x1 with Wiring Harness        | S8UWH-241 |
| 480V Delta                         | Delta PTs with Enclosure                     | S480V-011 |

## Series 1000 Single Phase Meters

- kWh meter with optional Demand functionality (includes Reset Key)
- 100 - 800 Amps
- Isolated Pulse output - standard feature
- Large LCD Display
- Revenue grade accuracy: 0.5% accuracy class
- Use with split core or solid core CTs
- Up to three sets of CTs per phase can be paralleled per meter with no multipliers



### SERIES 1000 SINGLE PHASE METER KITS

Note: Kits include meter, specified enclosure and required current transformers

#### INDOOR ENCLOSURE

| VOLTAGE                                                | AMPS | CTS INCLUDED | CAT. NO.  |
|--------------------------------------------------------|------|--------------|-----------|
| 120V 1PH 2W                                            | 100  | 1 Split CT   | 1K120-01W |
|                                                        | 200  | 1 Split CT   | 1K120-02W |
|                                                        | 400  | 1 Split CT   | 1K120-04W |
|                                                        | 800  | 1 Split CT   | 1K120-08W |
|                                                        | 100  | 1 SOLID CT   | 1K120-1SW |
|                                                        | 200  | 1 SOLID CT   | 1K120-2SW |
| 120/208V 1PH 3W or<br>120/240V 1PH 3W<br>(Split Phase) | 100  | 2 Split CTs  | 1K240-01W |
|                                                        | 200  | 2 Split CTs  | 1K240-02W |
|                                                        | 400  | 2 Split CTs  | 1K240-04W |
|                                                        | 800  | 2 Split CTs  | 1K240-08W |
|                                                        | 100  | 2 SOLID CTs  | 1K240-1SW |
|                                                        | 200  | 2 SOLID CTs  | 1K240-2SW |
| 277V 1PH 2W                                            | 100  | 1 Split CT   | 1K277-01W |
|                                                        | 200  | 1 Split CT   | 1K277-02W |
|                                                        | 400  | 1 Split CT   | 1K277-04W |
|                                                        | 800  | 1 Split CT   | 1K277-08W |
|                                                        | 100  | 1 SOLID CT   | 1K277-1SW |
|                                                        | 200  | 1 SOLID CT   | 1K277-2SW |

#### OUTDOOR ENCLOSURE

| VOLTAGE                                                | AMPS | CTS INCLUDED | CAT. NO.  |
|--------------------------------------------------------|------|--------------|-----------|
| 120V 1PH 2W                                            | 100  | 1 Split CT   | 1O120-01W |
|                                                        | 200  | 1 Split CT   | 1O120-02W |
|                                                        | 400  | 1 Split CT   | 1O120-04W |
|                                                        | 800  | 1 Split CT   | 1O120-08W |
| 120/208V 1PH 3W or<br>120/240V 1PH 3W<br>(Split Phase) | 100  | 2 Split CTs  | 1O240-01W |
|                                                        | 200  | 2 Split CTs  | 1O240-02W |
|                                                        | 400  | 2 Split CTs  | 1O240-04W |
|                                                        | 800  | 2 Split CTs  | 1O240-08W |
| 277V 1PH 2W                                            | 100  | 1 Split CT   | 1O277-01W |
|                                                        | 200  | 1 Split CT   | 1O277-02W |
|                                                        | 400  | 1 Split CT   | 1O277-04W |
|                                                        | 800  | 1 Split CT   | 1O277-08W |

## Series 2000 Three Phase Meters

- kWh meter with optional Demand functionality (includes Reset Key)
- 120/208V or 277/480V 3PH 4W WYE only
- 100 - 1200 Amps
- Isolated Pulse output - standard feature
- Large LCD Display
- Revenue grade accuracy: 0.5% accuracy class
- Use with split core or solid core CTs
- Up to three sets of CTs per phase can be paralleled per meter with no multipliers



### SERIES 2000 THREE PHASE METER KITS

Note: Kits include meter, specified enclosure and required current transformers

#### INDOOR ENCLOSURE

| VOLTAGE                                             | AMPS | CTS INCLUDED | CAT. NO.  |
|-----------------------------------------------------|------|--------------|-----------|
| <b>120/208V<br/>3PH 4W WYE<br/>kWh Meter</b>        | 100  | 3 Split CTs  | 2K208-01W |
|                                                     | 200  | 3 Split CTs  | 2K208-02W |
|                                                     | 400  | 3 Split CTs  | 2K208-04W |
|                                                     | 800  | 3 Split CTs  | 2K208-08W |
|                                                     | 1200 | 3 Split CTs  | 2K208-12W |
|                                                     | 100  | 3 SOLID CTs  | 2K208-1SW |
|                                                     | 200  | 3 SOLID CTs  | 2K208-2SW |
| <b>277/480V<br/>3PH 4W WYE<br/>kWh Meter</b>        | 100  | 3 Split CTs  | 2K480-01W |
|                                                     | 200  | 3 Split CTs  | 2K480-02W |
|                                                     | 400  | 3 Split CTs  | 2K480-04W |
|                                                     | 800  | 3 Split CTs  | 2K480-08W |
|                                                     | 1200 | 3 Split CTs  | 2K480-12W |
|                                                     | 100  | 3 SOLID CTs  | 2K480-1SW |
|                                                     | 200  | 3 SOLID CTs  | 2K480-2SW |
| <b>120/208V<br/>3PH 4W WYE<br/>Demand<br/>Meter</b> | 100  | 3 Split CTs  | 2K208-01D |
|                                                     | 200  | 3 Split CTs  | 2K208-02D |
|                                                     | 400  | 3 Split CTs  | 2K208-04D |
|                                                     | 800  | 3 Split CTs  | 2K208-08D |
|                                                     | 1200 | 3 Split CTs  | 2K208-12D |
| <b>277/480V<br/>3PH 4W WYE<br/>Demand<br/>Meter</b> | 100  | 3 Split CTs  | 2K480-01D |
|                                                     | 200  | 3 Split CTs  | 2K480-02D |
|                                                     | 400  | 3 Split CTs  | 2K480-04D |
|                                                     | 800  | 3 Split CTs  | 2K480-08D |
|                                                     | 1200 | 3 Split CTs  | 2K480-12D |

#### OUTDOOR ENCLOSURE

| VOLTAGE                                      | AMPS | CTS INCLUDED | CAT. NO.  |
|----------------------------------------------|------|--------------|-----------|
| <b>120/208V<br/>3PH 4W WYE<br/>kWh Meter</b> | 100  | 3 Split CTs  | 2O208-01W |
|                                              | 200  | 3 Split CTs  | 2O208-02W |
|                                              | 400  | 3 Split CTs  | 2O208-04W |
|                                              | 800  | 3 Split CTs  | 2O208-08W |
|                                              | 1200 | 3 Split CTs  | 2O208-12W |
| <b>277/480V<br/>3PH 4W WYE<br/>kWh Meter</b> | 100  | 3 Split CTs  | 2O480-01W |
|                                              | 200  | 3 Split CTs  | 2O480-02W |
|                                              | 400  | 3 Split CTs  | 2O480-04W |
|                                              | 800  | 3 Split CTs  | 2O480-08W |
|                                              | 1200 | 3 Split CTs  | 2O480-12W |

## Series 3300 Multi-Function RS485 Meters

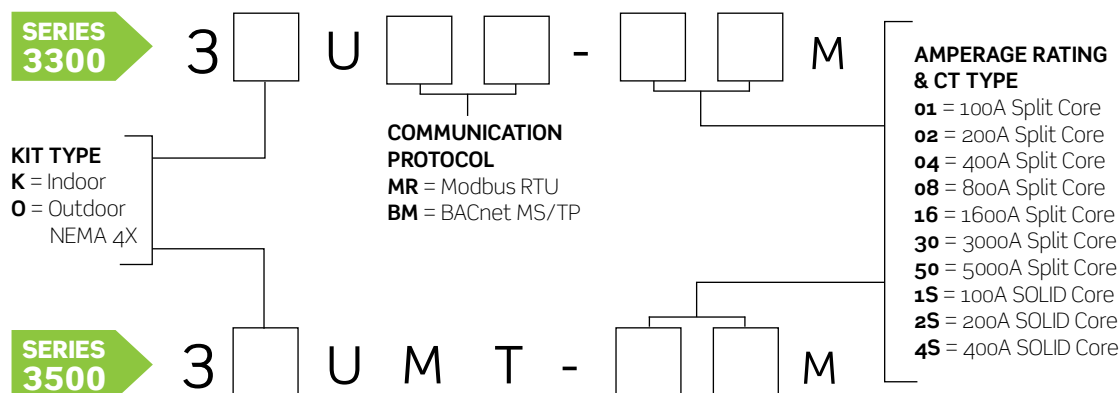
## Series 3500 Multi-Function Ethernet Meters

- Communications Protocol
  - Series 3300
    - Modbus RTU or BACnet MS/TP over RS485
    - Isolated pulse output
  - Series 3500
    - Modbus TCP/IP or BACnet IP
    - Isolated pulse output
- Universal voltage for 120-480V
- Measured Parameters
  - Total Meter:
    - kWh/kWh
    - kVAh
    - kVA and kVAR
    - Power Factor
    - Line Frequency
    - Voltage L-L
  - Per Phase:
    - Voltage L-N
    - Current
    - Watts
    - VA, VAR
    - Power Factor
- Large LCD display with scroll feature
- Revenue grade accuracy: 0.5% accuracy class
- Installation diagnostics
- Low voltage detection
- Real time clock with battery backup for TOU reading
- Use with split core or solid core CTs
- Up to three sets of CTs can be paralleled per meter with no multipliers
- Indoor JIC steel and outdoor (NEMA 4X) enclosure options
- UL/cUL Listed Energy Usage Monitor per CCN FTRZ



### SERIES 3300 AND SERIES 3500 METER KITS

Note: Kits include meter, specified enclosure and required current transformers



## Current Transformers

The better the equipment, the better the measurement. Leviton meters utilize highly accurate current transformers for revenue-grade performance certified to ANSI standards. Competing products use current sensors that do not provide the same level of performance. Leviton Meter Kits include Split Core or Solid Core Current Transformers (CTs) for high-quality, long-term accuracy and reliability. For added safety, all Leviton current transformers come with built-in voltage suppression devices that prevent hazardous voltages from developing on CT secondaries should they become disconnected from a meter with load current present.

Compact and cost-effective solid core CTs slip over power lines to measure the electrical current flowing through the line. They are compact and cost effective. For solid core CT installation, power must be de-energized and the circuit opened, in order to slip the CT over the power line.

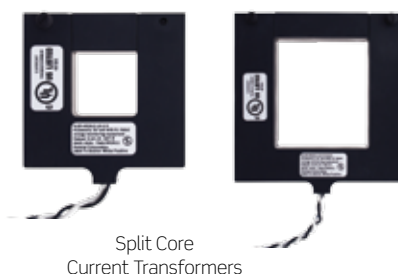
### CURRENT TRANSFORMERS

NOTE: Meters sold separately.

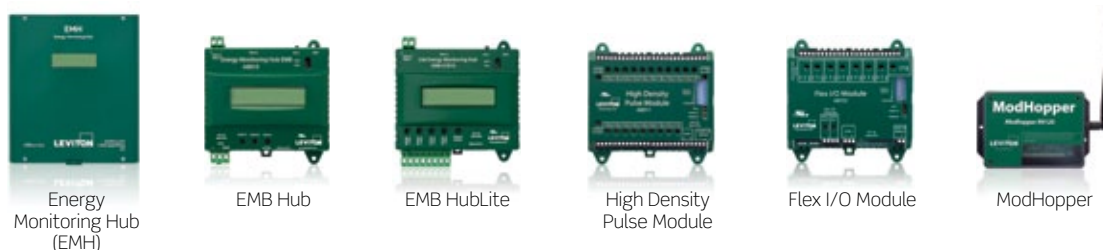
| AMP               | CAT. NO.   | DESCRIPTION                     |
|-------------------|------------|---------------------------------|
| <b>SINGLES</b>    |            |                                 |
| <b>SOLID CORE</b> |            |                                 |
| 100:0.1A          | CDE01-K11  | Solid Core, 0.67", Black        |
| 100:0.1A          | CDE01-L11  | Solid Core, 0.67", Blue         |
| 100:0.1A          | CDE01-R11  | Solid Core, 0.67", Red          |
| 100:0.1A          | CDA01-K12  | Solid Core 0.72", Black         |
| 100:0.1A          | CDA01-L12  | Solid Core 0.72", Blue          |
| 100:0.1A          | CDA01-R12  | Solid Core 0.72", Red           |
| 200:0.1A          | CDE02-K11  | Solid Core, 0.67", Black        |
| 200:0.1A          | CDE02-L11  | Solid Core, 0.67", Blue         |
| 200:0.1A          | CDE02-R11  | Solid Core, 0.67", Red          |
| 200:0.1A          | CDA02-K12  | Solid Core, 0.72", Black        |
| 200:0.1A          | CDA02-L12  | Solid Core, 0.72", Blue         |
| 200:0.1A          | CDA02-R12  | Solid Core, 0.72", Red          |
| 400:0.1A          | CDF04-K24  | Solid Core, 1.5", Black         |
| <b>SPLIT CORE</b> |            |                                 |
| 100:0.1A          | CTD01-K16  | Split Core, .75" x .75"         |
| 200:0.1A          | CTD02-K16  | Split Core, 1" x 1"             |
| 400:0.1A          | CTD04-K23  | Split Core, 1.5", x 1.5"        |
| 800:0.1A          | CTC08-K46  | Split Core, 3" x 3.5"           |
| 1200:0.1A         | CTC12-K46  | Split Core, 4" x 6"             |
| 1600:0.1A         | CTC16-K96  | Split Core, 4" x 6"             |
| 3000:0.1A         | CTC30-57B* | Split Core, 5" x 7"             |
| 5000:0.1A         | CTC50-57B* | Split Core, 5" x 7"             |
| <b>KITS</b>       |            |                                 |
| 100:0.1A          | CDE01-211  | CT Kit, 0.67", Red, Black       |
| 100:0.1A          | CDE01-311  | CT Kit, 0.67", Blue, Red, Black |
| 100:0.1A          | CDA01-212  | CT Kit, 0.72", Red, Black       |
| 100:0.1A          | CDA01-312  | CT Kit, 0.72", Blue, Red, Black |
| 200:0.1A          | CDE02-211  | CT Kit, 0.67", Red, Black       |
| 200:0.1A          | CDE02-311  | CT Kit, .067", Blue, Red, Black |
| 200:0.1A          | CDA02-212  | CT Kit, 0.72", Red, Black       |
| 200:0.1A          | CDA02-312  | CT Kit, 0.72", Blue, Red, Black |

\*Consult factory for availability.

**System Accuracy:** ±1% of reading from 10% to 100% of the rated current of the CTs, accomplished by matching the CTs with electronics and calibrating them as a system.



## VerifEye Communication Products



| Specifications | Data Acquisition Hubs                                                                                                                                                                                                                                                                       | Data Acquisition Hubs                                                                    | Data Acquisition Hubs                                                      | Input/Output Module                                                                                                                                                                  | Input/Output Module | Wireless Modbus/Pulse Transceiver                                                                                                                                                                |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | Energy Monitoring Hub (EMH)                                                                                                                                                                                                                                                                 | EMB Hub                                                                                  | EMB HubLite                                                                | High Density Pulse Module                                                                                                                                                            | Flex I/O Module     | ModHopper                                                                                                                                                                                        |
|                | A8812                                                                                                                                                                                                                                                                                       | A8810                                                                                    | A7810                                                                      | A8911                                                                                                                                                                                | A8332               | R9120                                                                                                                                                                                            |
| Protocols      | Modbus RTU<br>Modbus TCP<br>TCP/IP<br>PPP<br>HTTP/HTML<br>FTP<br>NTP<br>XML<br>SNMP-Trap                                                                                                                                                                                                    | Modbus RTU<br>Modbus TCP<br>TCP/IP<br>PPP<br>HTTP/HTML<br>FTP<br>NTP<br>XML<br>SNMP-Trap | Modbus TCP<br>TCP/IP<br>PPP<br>HTTP/HTML<br>FTP<br>NTP<br>XML<br>SNMP-Trap | Modbus RTU                                                                                                                                                                           | Modbus RTU          | Modbus RTU                                                                                                                                                                                       |
| Applications   | Push-or-pull meter data to software applications<br><br>Use with an Ethernet (LAN) connection to push-or-pull data via HTTP, XML, FTP, or any custom protocol<br><br>Connect to web-based (IP-based) software dashboards, energy information management systems and demand response systems |                                                                                          |                                                                            | Use with EMH to take advantage of plug-in communication<br><br>Use with ModHopper for wireless communication<br>Push-or-pull meter data to VerifEye kiosks and software applications |                     | Designed specifically for wireless sub-metering<br><br>Collect meter data from multiple buildings over long distances "Self-managed" mesh network keeps system functioning with high reliability |

### HOW TO SELECT THE APPROPRIATE DATA ACQUISITION HUB

|                                | Modbus TCP | Modbus RTU | 4 Pulse Inputs Onboard | 8 Flex Inputs On Board* | Configured for Leviton Energy Manager | Requires Separately Ordered Power Supply |
|--------------------------------|------------|------------|------------------------|-------------------------|---------------------------------------|------------------------------------------|
| A8812-001 EMH                  | X          | X          | -                      | X                       | X                                     | -                                        |
| A8812-000 EMH (non-configured) | X          | X          | -                      | X                       | -                                     | -                                        |
| A8810-000 EMB Hub              | X          | X          | -                      | -                       | -                                     | X                                        |
| A7810-000 EMB HubLite          | X          | -          | X                      | -                       | -                                     | X                                        |

\* Pulse, analog, status, and resistive.

## Metering Communications Systems

To create a data network between Leviton submeters and stakeholders (BAS, third party billing, Leviton Energy Manager software, etc.), Leviton offers Metering Communication Systems. These solutions transmit data from meters to end systems, creating a seamless transition between data collection and data display. Leviton Metering Communications Systems also enable facilities to create metering systems that can easily share data through open protocols such as Modbus, and IP-based data transfer through HTTP/FTP of .csv or XML files. The results are robust and reliable networks scalable to accommodate future expansion, with data made accessible from any internal or external location.



Energy Monitoring Hub

## Data Acquisition Hubs

### ENERGY MONITORING HUBS

Metering Communication Hubs, including the Energy Monitoring Hub (EMH), EMB and EMB Lite, are intelligent, flexible data acquisition servers allowing users to collect energy data from meters and environmental sensors. Designed to connect to IP-based applications such as enterprise energy management, demand response and smart grid programs, Hub servers let you connect thousands of energy points, benchmark energy usage and reduce energy costs.

- Collects and logs data from connected wired or wireless devices based on user-set intervals
- Pushes or pulls data via HTTP, XML, FTP or any custom protocol using an Ethernet (LAN) connection
- No software required: Information can be accessed through any web browser in any location
- Plug and play connectivity
- Compatible with nearly any front-end software platform allowing customers to use a variety of reporting tools
- Push or pull meter data to energy dashboards, kiosks and software applications
- Monitor performance of critical systems (lighting, HVAC, PDUs, inverters, etc.)



EMB Hub



EMB HubLite

### DATA ACQUISITION HUBS

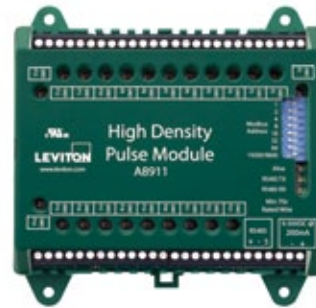
| CAT. NO.  | DESCRIPTION                                                   |
|-----------|---------------------------------------------------------------|
| A8812-001 | Energy Monitoring Hub - Configured for Leviton Energy Manager |
| A8812-000 | Energy Monitoring Hub - Non-Configured                        |
| A8810-000 | EMB Hub                                                       |
| A7810-000 | EMB HubLite                                                   |
| YBM05-010 | Power Supply for EMB Hub and EMB HubLite                      |

## Input/Output Modules

### HIGH DENSITY PULSE MODULE

The High Density Pulse Module provides a convenient way to expand a Leviton Metering System by connecting the HD Pulse Module to an Energy Monitoring Hub (EMH) and/or ModHopper for system expansion. The HD Pulse Module accepts up to 23 standard pulse sensors and can function as a slave device with any Modbus master. This data can easily be integrated to a network of other critical energy sensors to provide a comprehensive energy monitoring solution. The HD Pulse Module is ideal for applications with a high density of pulse output devices, giving users access to meters that would previously require multiple modules.

- External communications handled via shielded twisted pair 18-22 gauge wire allowing communication up to 4000 feet and pulse input communications up to 200 feet (consult factory for longer runs) using 18-24 gauge control wire
- DIN or wall mounting make installations quick and easy
- Device verification - LED indicators for each pulse input allow for fast indication and verification of pulses to reduce installation and troubleshooting time
- Non-volatile memory retains configuration and pulse count totals during power failures for reliable data collection and retention
- Easily add pulse meters to Modbus network for a scalable, open protocol solution
- Field upgradable firmware for user-friendly future upgrades and expansion



High Density Pulse Module

### FLEX I/O MODULE

The Flex I/O Module is a cost-effective way to collect data from meters or sensors and bring the information into a Modbus network or energy monitoring system. As a stand-alone or bundled package, the Leviton Flex I/O can be incorporated with data acquisition and metering devices to provide a cost-effective energy monitoring solution. The Flex I/O is compatible with virtually any Modbus master, allowing customers the flexibility to use it in existing Modbus networks. Use with the Leviton Energy Monitoring Hub (EMH).

- Easily add meters and sensor to Modbus network
- 8x user selectable inputs
- 2x output relays
- 2x pulse replicator
- Non-volatile memory
- Industrial temperature range (-30°C to 70°C)
- LEDs for visual verification/status reduce installation and troubleshooting time
- Din or wall mount for easy installation
- Field upgradable firmware for user-friendly future upgrades and expansion



Flex I/O Module

### INPUT/OUTPUT MODULES

| CAT. NO.  | DESCRIPTION                                                |
|-----------|------------------------------------------------------------|
| A8911-000 | High Density Pulse Module, 23 Inputs                       |
| A8332-000 | Flex I/O Module, 8 User Selectable Inputs, 2 Relay Outputs |

## Wireless Modbus/Pulse Transceiver

### MODHOPPER

The ModHopper is a breakthrough mesh technology design that makes connecting Modbus RTU (RS485) and pulse devices simple and cost effective. Our “smart” ModHopper transceivers eliminate the need for costly wiring runs allowing users to capture meter data in the most challenging retrofit and campus environments. Collect meter points in existing buildings with minimum down-time or disruption of day-to-day operations.

- Designed specifically for wireless metering and Leviton Metering Solutions for guaranteed compatibility
- No software or programming required and devices automatically configure when powered, reducing labor costs and installation time
- Wireless “mesh” network—self-healing, self-optimizing for ease of installation and maintenance
- Connect up to 32 Modbus and 2 pulse devices per ModHopper for the ultimate expandable solution
- Long distance communication (3000ft indoor/14 miles LOS Outdoors) for flexibility of placement and easier future expansion
- Multiple independent network capability
- Reliable, constant two-way communication and packet verification
- Point to multi-point communication
- Field upgradable firmware for user-friendly future upgrades and expansion



ModHopper

### WIRELESS MODBUS/PULSE TRANSCEIVER

| CAT. NO.  | DESCRIPTION                |
|-----------|----------------------------|
| R9120-500 | ModHopper and Power Supply |

## VerifEye Software Products



BillSuite



Building Manager Online (BMO) 2.0



Energy Manager

| Specifications    | Tenant Billing Software                                                                                                                                                                                                                                                                                                                                                                       | Measurement & Verification (M&V) Software                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | BillSuite                                                                                                                                                                                                                                                                                                                                                                                     | Building Manager Online 2.0 (BMO 2.0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Energy Manager                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | LBSSW                                                                                                                                                                                                                                                                                                                                                                                         | BMOSW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LEMS8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Primary Functions | Automates the tenant billing process by eliminating manual meter readings                                                                                                                                                                                                                                                                                                                     | Allows users to quickly access energy consumption information via a web-based platform<br><br>Plot charts and view data quickly without any custom software installed on a PC - simply log on to the BMO website                                                                                                                                                                                                                                                                                                                                                 | Analyzes, formats and reports data gathered from VerifEye Submetering Solutions<br><br>Users log in to Energy Manager website and access data and reports in real-time                                                                                                                                                                                                                                                                                                                                                                                                            |
| Key Features      | Monitor energy consumption of each tenant or whole building on a 24/7 basis<br><br>Meters can be in a basement, wire closet or individual unit<br><br>Generate bills from any PC - requires Windows 7 or better<br><br>Monthly and periodic billing reports for any or all VerifEye submeters<br><br>Energy profile to identify peak demand and energy waste                                  | Delivers simple graphical interface for plotting energy information and identifying anomalies and peak demand in near real time<br><br>Uploads timely data and firmware updates                                                                                                                                                                                                                                                                                                                                                                                  | Illustrates information in real time<br><br>Includes an automatic reporting system and an instant alarm notification system<br><br>Produces customized reports to suit precise requirements<br><br>Collects information from 1 to 60 minute intervals for in-depth tracking<br><br>Reporting based on 15 minute intervals                                                                                                                                                                                                                                                         |
| Key Benefits      | Generate monthly electricity bills for each tenant, which reflect actual energy usage<br><br>Improve cash flow and increase net operating income<br><br>Eliminate uncertainty of variable utility costs<br><br>Delegate energy usage accountability to tenants<br><br>Improve tenant satisfaction, retention and property values<br><br>Identify and fix energy waste, reducing overall costs | View building or end-use for a summary of operating parameters with the click of a mouse<br><br>Investigate potential building problems and alarms easily<br><br>Plot charts to show trends<br><br>Select date ranges to display information in intervals from one year to as little as an hour<br><br>Copy and paste graphs into your own reports<br><br>Configure VerifEye HUB communication products remotely<br><br>Add or change configuration of attached sensors<br><br>Add or change the data recording interval, alarm thresholds, even the device name | Identify cost saving measures that can lead to greater profitability<br><br>Discover energy inefficiencies that may be difficult to see<br><br>Establish baselines, budgets and allocation of energy use and cost within an enterprise to track and analyze goals and performance<br><br>Develop responsible environmental goals and conservation measures while measuring and managing facility's carbon footprint<br><br>Provide outstanding communication and support, enabling facilities to have the most advanced and intuitive energy management reporting in the industry |

## VerifEye Software

### SAVE ENERGY, REDUCE COSTS, BE SUSTAINABLE

With a competitive global economy, soaring energy prices, increasing environmental issues and technology-based decision making, your profitability depends on the ability to analyze and control operating costs. Better energy management saves money and translates to an improved bottom line.

#### VERIFEEYE SOFTWARE INCLUDES:

- **Tenant Billing**
  - **BillSuite** - provides individual tenant billing capabilities to ensure accurate and complete recovery of tenant energy costs
- **Measurement & Verification (M&V)**
  - **Building Manager Online (BMO) 2.0** - web-based interval data collection software platform
  - **Energy Manager** - energy monitoring platform which interprets submeter data and exports real-time reports in selected time increments, stretching from hour-by-hour to year-by-year

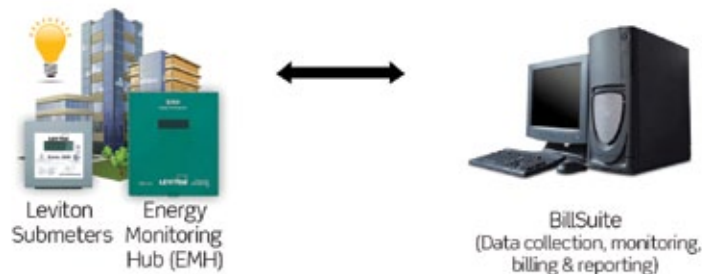
## Tenant Billing Software

### MEASURE. MONITOR. MANAGE. BILL.

Generate billing based on actual tenant consumption. BillSuite is a PC based software program that provides individual tenant billing capabilities to ensure accurate and complete recovery of tenant energy costs. This software solution automates the tenant billing process by eliminating manual meter readings for simplified, more accurate measurement and verification. BillSuite collects energy consumption data from all meters on a periodic basis and generates energy bills, billing reports, energy profiles as well as graphs. Other submeters such as gas, water, BTU, etc. can be added to the tenant bill.

## How VerifEye BillSuite Tenant Billing Software Works

### SIMPLE, EFFECTIVE, TURN KEY SOLUTION TO MONITOR & BILL ENERGY USAGE



- **Meters** record **real-time** kWh and kW consumption data
- **Energy Monitoring Hub (EMH)** receives meter data and pushes it to BillSuite
- **BillSuite** collects data, generates individual tenant bills using customizable utility rates, and provides graphing and trending capabilities
- **User** logs into BillSuite and accesses billings and reports

## VERIFEYE BILLSUITE FEATURES

- Monitor energy consumption of each tenant or whole building on a 24x7 basis
- Meters can be in a basement, wire closet or individual unit
- Billing of each tenant from the convenience of your PC
- Monthly and periodic billing reports for any or all meters
- Energy profile to identify peak demand and energy waste

## BILLSUITE SOFTWARE

| CAT. NO.  | DESCRIPTION                          |
|-----------|--------------------------------------|
| LBSSW-01L | BillSuite Software 1 - 50 Meters     |
| LBSSW-02L | BillSuite Software 51 - 100 Meters   |
| LBSSW-03L | BillSuite Software 101 - 200 Meters  |
| LBSSW-04L | BillSuite Software 201 - 300 Meters  |
| LBSSW-05L | BillSuite Software 301 - 400 Meters  |
| LBSSW-06L | BillSuite Software 401 - 550 Meters  |
| LBSSW-07L | BillSuite Software 551 - 750 Meters  |
| LBSSW-08L | BillSuite Software 751 - 1000 Meters |



15-Minute Interval Data



Tenant Energy Bill

## Measurement & Verification (M&V) Software

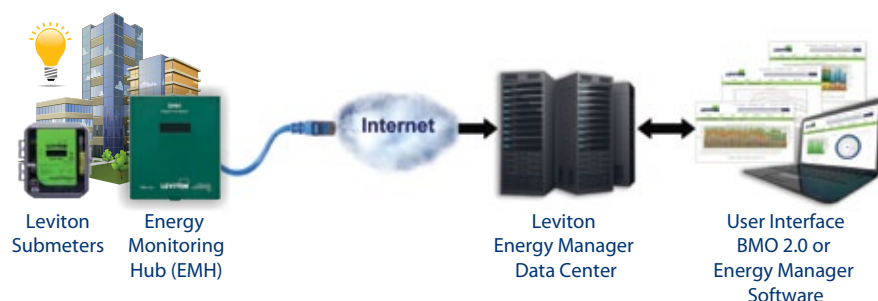
### MEASURE. MONITOR. MANAGE. IF YOU DON'T MEASURE IT, YOU CAN'T MANAGE IT!

Energy monitoring and reporting is the key to measuring and managing energy efficiency and cost.

Decision makers everywhere are turning to VerifEye Solutions to get the information they need to make smart energy choices. An advanced web based platform that provides real time data for your entire enterprise, Leviton Building Manager Online (BMO) 2.0 and Energy Manager deliver the most sophisticated tools to drive energy efficiencies, reduce operating costs and create more sustainable, environmentally sound facilities.

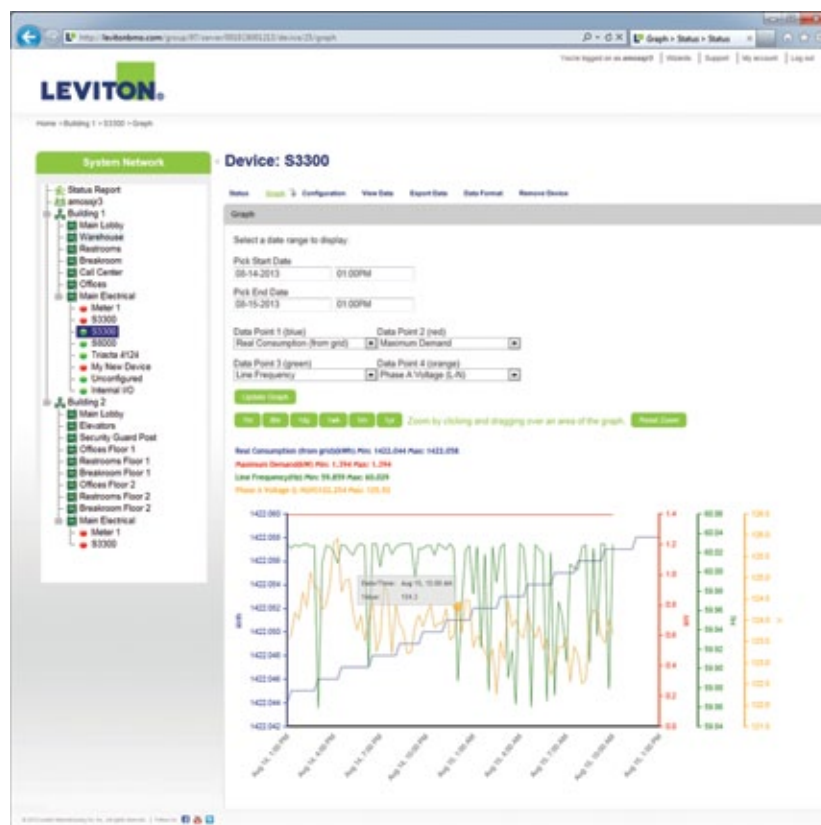
## How VerifEye Measurement & Verification (M&V) Software Works

### SIMPLE, EFFECTIVE, TURN KEY SOLUTION TO MONITOR ENERGY IN REAL TIME



- **Meters** record **real time** consumption data
- **Energy Monitoring Hub (EMH)** receives meter data and pushes it to Energy Manager data center
- **Data Center** stores, manages and reports data in **real time**
- **Energy Manager** software analyzes, formats and reports the data
- **User** logs into Energy Manager website and accesses data and reports

## Building Manager Online (BMO) 2.0



- Leviton hosted software application - no software installation required
- Set alarms and view graphical and historical data in intervals from one year to as little as an hour
- Provides a daily view summary of load profiles to help identify high and low consumption days and visual daily trending patterns
- Shows the effects of energy conservation measures by tracking load profiles over a given time period
- Quickly view any building or end-user for a summary of operating parameters
- Export data to spreadsheets for analysis (.csv files)
- Plot charts to show trends and provide analytical charts with demand profiling
- Select date ranges to display information
- Copy and paste graphs into your own reports with BMO's convenient legends

**BBUILDING MANAGER ONLINE (BMO) 2.0 SOFTWARE**

| CAT. NO.  | DESCRIPTION                                             |
|-----------|---------------------------------------------------------|
| BMOSW-SUB | Building Manager Online (BMO) 2.0 Software Subscription |

## Energy Manager Software



Annual Report



Multiple Meter Analysis Report

- Simplified, easy to use with intuitive drilldown functionality
- Identify cost saving measures that can lead to greater profitability
- Discover energy inefficiencies that may be difficult to see
- Establish baselines, budgets and allocation of energy use & costs within an enterprise
- Measure and monitor the enterprise's carbon footprint
- Enhance LEED certification ratings with credits for measuring, monitoring and verification
- Adopt best-business practices for efficient energy use
- Track and trend consumption and site performance versus goals
- Highlight maintenance issues - identify sites and equipment that need immediate attention
- Trend, compare and validate utility bills
- Provide outstanding communication and support enabling your operations and management personnel to have the most advanced, intuitive energy management reporting at their fingertips in just 3 clicks!
  - Real-time Report
  - Daily Report
  - Weekly Report
  - Weekly Profile Report
  - Monthly Report
  - Monthly Profile Report
  - Annual Report
  - Comparison Report
  - Carbon Emissions Report
  - Energy Center Report

### ENERGY MANAGER SOFTWARE

| CAT. NO.              | DESCRIPTION                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>YEAR ONE</b>       |                                                                                                                                                             |
| LEMSB-000             | Energy Manager Software - Base License Program - includes (8) control points and (1) user account                                                           |
| LEMS8-812             | Energy Manager Software - Base License Program - includes EMH (Modbus/RS-485, Ethernet, No Modem), (8) Flex Inputs, (8) control points and (1) user account |
| LEMSS-000             | Energy Manager Software - Specifier Version - includes (8) control points and (1) user account                                                              |
| LEMSg-812             | Energy Manager Software - Specifier Version - includes EMH (Modbus/RS-485, Ethernet, No Modem), (8) Flex Inputs, (8) control points and (1) user account    |
| LEMSU-000             | Energy Manager Software - Additional User Account                                                                                                           |
| LEMSP-000             | Energy Manager Software - Additional Points License - includes (8) control points                                                                           |
| <b>ANNUAL RENEWAL</b> |                                                                                                                                                             |
| LEMSB-R00             | Energy Manager Software - Base License Program Renewal - includes (8) control points and (1) user account                                                   |
| LEMSS-R00             | Energy Manager Software - Specifier Version Renewal - includes (8) control points and (1) user account                                                      |
| LEMSU-R00             | Energy Manager Software - Additional User Account Renewal                                                                                                   |
| LEMSP-R00             | Energy Manager Software - Additional Points License Renewal - includes (8) control points                                                                   |



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