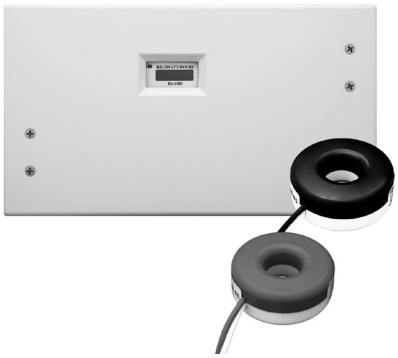
LEVITON

VerifEye™ 0.5% Accuracy Indoor Surface/Flush Mount Mini Meter™ Kit

Options Include Integrated kWh Wireless Transceiver for Automatic Meter Reading (AMR) with Tamper Detect Capability



0.5% Indoor Flush Mount Meter Kit

0.5% Indoor Surface Mount Meter Kit

- 0.5% kWh Meter, certified to ANSI C12.20(0.5) by MET Test Labs (NRTL)
- NY DPS and NYSERDA approved
- 120/208/240V 1PH 3W, 200A
- Pulse output—standard feature
- Basic Kit includes submeter, specified enclosure, and two Current Transformers (CTs)

DEFINITION

The VerifEye™ 0.5% Indoor Mini Meter™ meets the rigorous requirements of ANSI 12.20 Class 0.5% standard for electrical measurement accuracy and performance. Designed to provide a simple and effective process for accurately capturing measurements of power consumption, 0.5% Mini Meters are easy to specify and install for new construction and retrofits.

The 0.5% Mini Meter has an installer-friendly feedback feature: a red LED reverse phase indicator acts as an installation diagnostics tool and illuminates if a meter is improperly installed. After installation, the green duty cycle light shows that the meter is collecting electric consumption data at the appropriate rate. The 200 amp solid core CTs have color-coded labels to easily identify and correctly land the wires at the meter.

FEATURES

- Measures kWh
- Revenue grade accuracy: conforms to all applicable standards of ANSI C12.20 (0.5)
- Equipped standard with an Isolated Pulse Output channel for automated meter reading
- Available in indoor flush mount and surface mount enclosure
- Select kitted models include integrated wireless kWh transceiver for Automatic Meter Reading (AMR) and temperature sensing capabilities and tamper-proof switch
- Use with solid core CTs
- CT lead length maximum: 48”
- UL/cUL Listed Energy Usage Monitor per CCN FTRZ
- 5 year warranty
- Revenue grade accuracy
- Compact footprint fits almost anywhere
- Integrated wireless kWh transceiver for Automatic Meter Reading (AMR)
- Optional integrated tamper-proof switch

APPLICATIONS

Use 0.5% Indoor Mini Meters in multi-tenant residential and certain commercial industrial applications for:

- Multi-tenant residential applications
- Single-phase applications
- Tenant cost allocation
- NYSERDA residential submetering program
- Load profiling and benchmarking
- Energy conservation and cost reduction
- Green building initiatives and government mandates

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation
20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004 **tel** 800-736-6682
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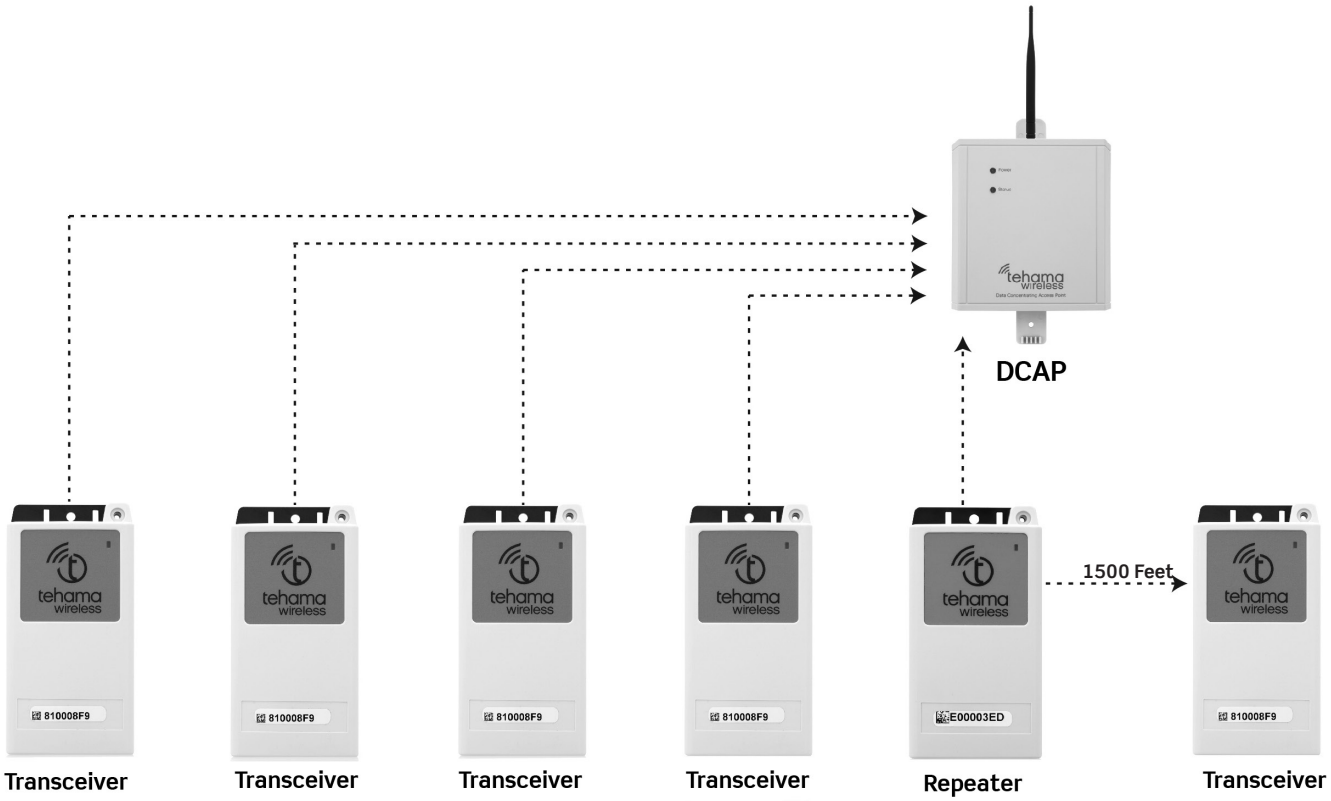
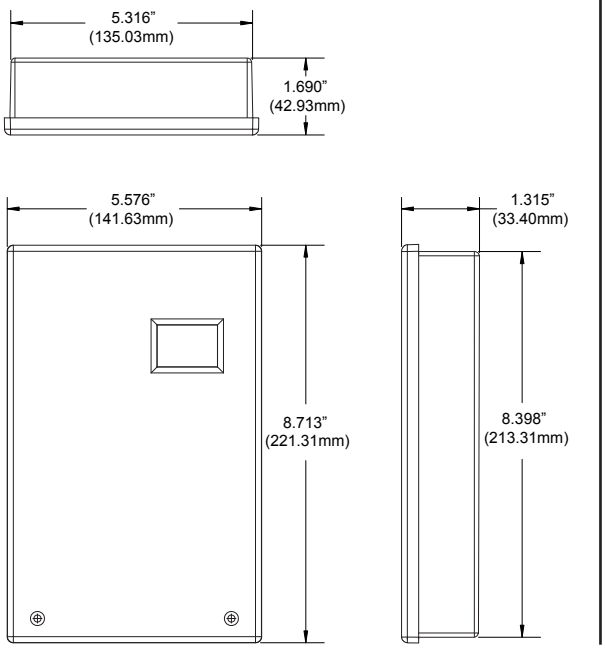
PRODUCT DATA

AUTOMATED METER READING (AMR) WIRELESS NETWORK DIAGRAM

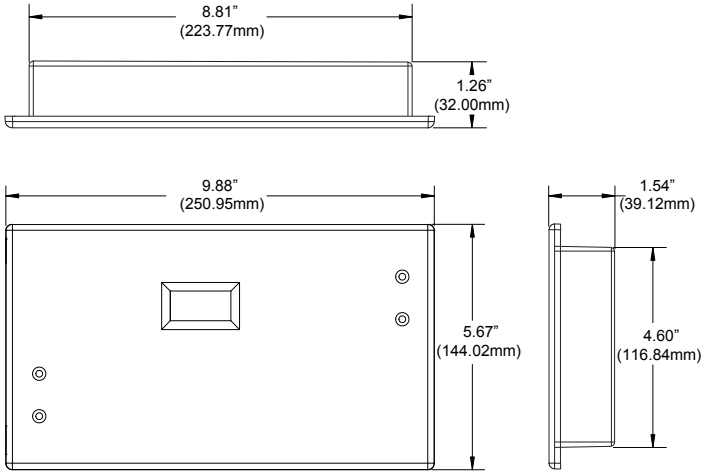


DIMENSIONS

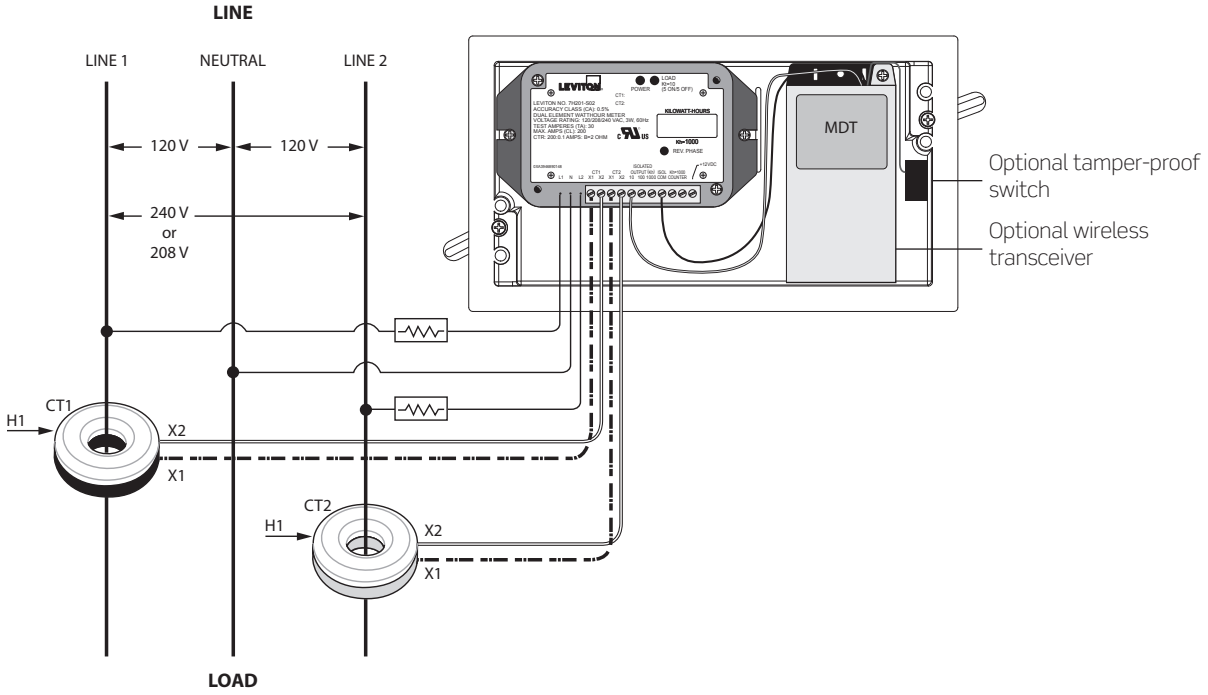
Indoor Surface Mount Enclosure



Indoor Flush Mount Enclosure



DUAL ELEMENT, 0.5% MINI METER WIRING DIAGRAM



Note: See manual for 0.5% Mini Meter Surface Mount wiring diagram.
Short circuit protection per NEC and local codes by others.
Two solid core transformers (CTs) are provided with each 0.5% Mini Meter. CT serial numbers appear on nameplate of associated Mini Meter Module.
Color-coding helps ensure correct installation by indicating phase monitored; black CT for L1, red CT for L2.

VerifEye™ 0.5% Accuracy Mini Meter™ Kit

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VerifEye™ 0.5% Accuracy Mini Meter Kit

ORDERING INFORMATION

0.5% Mini Meter Kits - Indoor Flush Mount Enclosure*

VOLTAGE	AMPS	CTs INCLUDED	CAT. NO.
120/208/240V 1PH 3W	200A	2 SOLID CTs	6P201-C02
120/208/240V 1PH 3W (includes Time of Use (TOU**) enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	6W201-C02
120/208/240V 1PH 3W (includes Time of Use (TOU) and Temperature enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	6W201-D02
120/208/240V 1PH 3W (includes Time of Use (TOU) and Delta Temperature enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	6W201-E02
120/208/240V 1PH 3W (OEM Module Kit)	200A	2 SOLID CTs	7H201-S02

0.5% Mini Meter Kits - Indoor Surface Mount Enclosure*

VOLTAGE	AMPS	CTs INCLUDED	CAT. NO.
120/208/240 1PH 3W	200A	2 SOLID CTs	6PSMT-C02
120/240V 2PH 3W (includes Time of Use (TOU) enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	MMSMT-C02
120/240V 2PH 3W (includes Time of Use (TOU) and Temperature enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	MMSMT-D02
120/240V 1PH 3W (includes Time of Use (TOU) and Delta Temperature enabled kWh Transceiver and Tamper Proof Switch)	200A	2 SOLID CTs	MMSMT-E02

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

* 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

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Visit our Website at: www.leviton.com/verifeye

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