HotDrop™

vutility

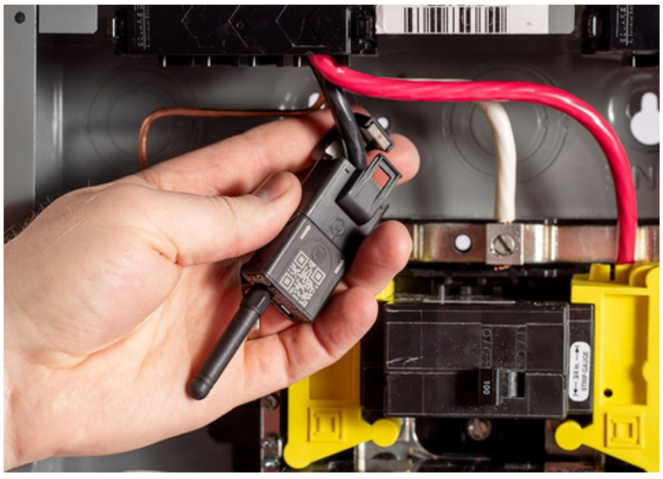
Contact ABI Advantage LLC for More Information

The HotDrop is an easy- to-scale, simple-to-install metering solution that provides minute-by-minute data to improve energy consumption data without the complexities and high price tag of traditional metering devices.



Features

- Install in minutes
- Long-range signal strength
- No wires or batteries
- Non-invasive install
- Robust API catalog and data visualization
- Minute-by-minute data
- Dual-cipher encryption



Communication Protocol

The HotDrop communicates using a LoRaWAN gateway or through a public LoRaWAN network. If you are already using LoRaWAN, you can use your existing gateway. If not, Vutility can provide a gateway for the HotDrops.

WWW.ABIADVANTAGE.COM, 443-741-2242, SALES@ABIADVANTAGE.COM

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Building Management

Get better insight into the energy consumption of your building or group of buildings easily. The HotDrops provide data to help you manage critical assets, mitigate unnecessary energy loss, and improve overall efficiencies.

Tenant Management

Understand how each tenant is consuming energy and improve billing efforts with accurate data. Use the HotDrops to scale submetering efforts and gain granular insight into your tenants.

Sustainability Efforts

It's easier to improve your company's sustainability efforts when you can easily see trends and forecast usage. Minute-by-minute data will help you find wins and losses in reducing your organization's carbon footprint.

HotDrop Product Sizes and Specifications



Amps	Up to 5000A	Up to 1500A	Up to 1000A	Up to 400A	Up to 300A
Window Size	4.1"x 6.1" 105 x 155 mm	3.1" x 3.5" 80 x 90 mm	2" x 2" 51 x 51 mm	1.25"x 1.25" 32 x 32 mm	16 x 16 mm

Security
Dual-cipher rotating 128-bit AES encryption + 128-bit AES transport encryption (3 total)
Configurable Data Intervals
1 TX/ min (standard); other intervals available
Wireless
Bluetooth BLE 5.1, LoRaWAN 1.0.3
Operating Temperature
-40 to 85 degrees Celsius
Sampling rate
up to 6,000 per second
Power
Integrated power
Transmission
868MHz SRD, 915MHz/2.4GHz ISM, AS923
Accuracy
0.017% MoE, True-RMS