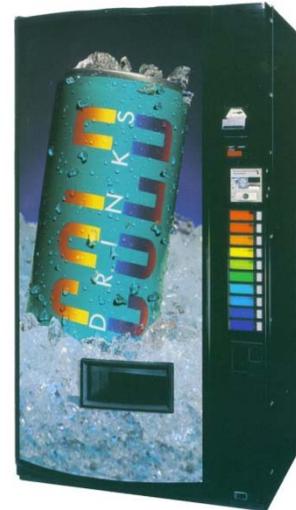




The Bert® 110- Vend:

Smart on/off control for vending machines

Vending machines keep drinks cold, so they're ready to be enjoyed by customers. Facility and energy managers know that vending machines waste energy keeping drinks cold when buildings are unoccupied. The Bert® 110 Vend is a specially designed plug load management solution that enables you to measure and control your nonperishable vending machine without interrupting the cycle of the compressor. Just plug your vending machine into a Bert – Vend and you are ready to start saving energy.



The Plug Load Problem:

Studies show that plug based load is a large and growing source of energy use- estimated at 20% of energy use for offices and 25% of electricity for schools. Yet many schools, offices and retail locations are closed for nearly as many hours per year as they are open. Bert® provides the simple, sophisticated tools to turn equipment on when buildings are occupied and off when they're not.

How Bert® Works

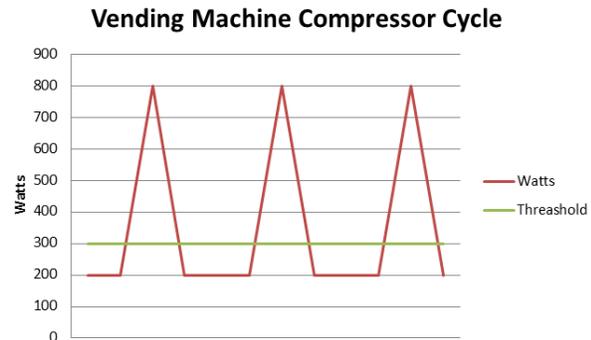
Each Bert® contains a microprocessor that can communicate with the Bertbrain 1000/M control software across your wireless network. Bert® can store 7-day on/off schedules with multiple on/off commands each day. This allows you to set schedules that mirror the actual operating hours of your facility and easily modify schedules throughout the year.



Meet Bert® Vend

Bert® Vend has special intelligence that protects your vending equipment from turning off while the compressor is running. Since Bert® continuously measures energy use; Bert® knows whether a compressor is on or off. When Bert® receives an off command as part of the daily schedule, Bert® delays the 'off' command until after the compressor has completed its cycle. Just run your Bert® for a few weeks to establish your base power usage case, then begin scheduling to measure actual savings.

Our Bertbrain® software application provides usage reports that measure savings by hour, day, week, month or any user defined time period. With these detailed power usage reports, you can easily calculate savings and determine the optimal schedule for your facility.



The Bert® Advantage

Bert® has many advantages over products such as timers or occupancy sensors. Most timers only hold a single schedule. Bert® can use multiple on/off times that will accurately reflect your facility's true operational hours. When holidays or summer breaks dictate schedule changes, new schedules are sent to Bert® with the click of a mouse. Since Bert® is on your network, Bert® does not have to be reset manually like timers after a power outage. Occupancy sensors may turn vending machines on when your building is unoccupied. Your drinks don't need to be chilled when the cleaning crew or security guard walks by your vending machine at night. Thanks to the simple mass remote control with Bert®, your plug loads can easily be part of a load shedding or demand curtailment program.

The Bert® Plug Load Management System

The Bert® family of products includes the Bert® 110, Bert® 110M, Bert® Vend and the Bert® Express Measurement and Verification (EMV) Kit. Each product works seamlessly with the Bertbrain 1000M software application and your Wi-Fi network. By simply plugging your device into the Bert® you can remotely measure, analyze and control all of your plug loads.

Learn more about Bert® visiting www.bertbrain.com.

Measure - Analyze - Control