

AMTEK combines core technologies into easy to use products



Energy Harvesting
generates power from ambient energy: kinetic, solar and thermo.



Wireless
Sensor communication based on open radio standards: Zigbee and Bluetooth Low Energy.



Ultra Low Power
management secures batteryless 24/7 operation.

Standard Product Examples



Wall Switches



Occupancy Sensors



In-Line Switch Module



Plug-In Switch Module

Wireless Self-Powered IoT - Building Controls

Batteryless light sensors automatically match lighting to daylight.

Position sensors setback HVAC when windows are opened

Self-powered heating valve controls heating when receiving changes from room temperature sensor.

Batteryless wireless switches control lighting and shading.

Gateway/BMS

Room temperature sensor for minimal energy consumption and maximum comfort.

Occupancy sensor adjusts temperature and turns off lights when a room is not in use

→ YOUR PAYBACK/ROI

- 15% COST SAVINGS IN NEW CONSTRUCTION
- 70% COST SAVINGS IN RETROFITS
- 40% ENERGY SAVINGS
- UNLIMITED FLEXIBILITY