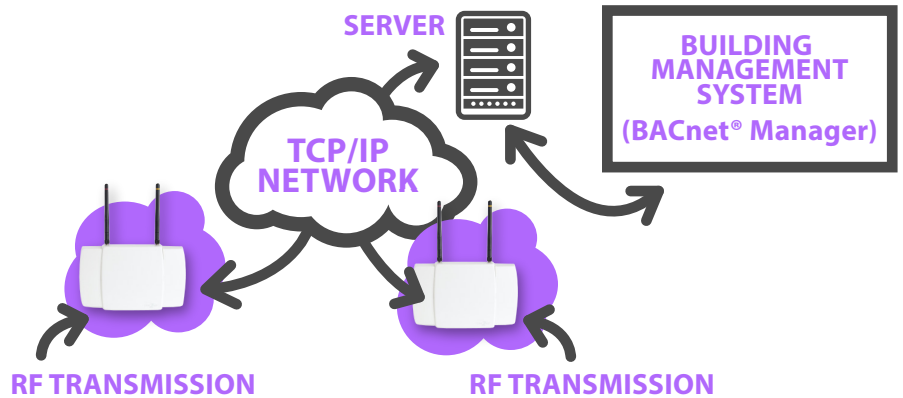# AMTEK Self-Powered Wireless Controls
BACNET® GATEWAY

AMTEK

The AMTEK BACnet® Gateway is your network's intelligent wired and wireless controller.

The AMTEK BACnet® Gateway is used to enhance the performance of self-powered wireless light switches, sensors, and controllers.

SERVER

TCP/IP NETWORK

BUILDING MANAGEMENT SYSTEM (BACnet® Manager)

RF TRANSMISSION

RF TRANSMISSION

SAVE MONEY

ENERGY SAVINGS
Businesses can reduce annual energy costs by 25% with updated controls.

FAST INSTALLATION
Avoid disrupting business operations by installing our controls quickly during off hours.

UNIQUE APPLICATIONS
Our wireless controls can be installed in places where wired controls cannot, creating new opportunities for saving.

GREEN ENERGY

ENERGY HARVESTING
Solar-power and motion sensors are designed to save energy by turning down lights automatically.

SELF-POWERED & WIRELESS
Our wireless switches and sensors are powered by kinetic and solar energy and do not require wiring.

ENERGY CODE COMPLIANCE
Our products comply with current government and industry energy codes DLC, California Title 24 and ASHRAE 90.1.

FLEXIBLE INTEGRATION

EASY CONFIGURATION
Android & iOS apps available for adjusting your lighting configuration.

WIRELESS IoT
AMTEK provides wireless solutions for EnOcean, ZigBee, and Bluetooth-powered IoT systems.

BUILDING MANAGEMENT SYSTEM INTEGRATION
Easy integration with your building management system using BACnet protocol.

AMTEK Self-Powered Wireless Control
BACNET® GATEWAY

AMTEK

The AMTEK BACnet® Gateway is your network's intelligent wired and wireless controller, working as a wireless transceiver for 902 MHz EnOcean and Zigbee devices.

It is programmable for more precise and autonomous local control. It is also a complete and automated BACnet® gateway. Our device's discreet, router-like aesthetic allows for seamless integration with any other in-room devices.

FEATURES

- Points visible through BACnet®
- Wireless control of end-devices
- Supports up to 30 connected controllers per gateway
- Third-party interoperability through your preferred BACnet® IP system
- Provides fail-safe default functionality if network connectivity is offline, and eliminates the need for any additional communication wiring

BACNET® GATEWAY   AMI-WBNG

VOLTAGE	24 VAC ± 15%; 50/60 HZ | 24 VDC ± 10%.
TYPICAL CONSUMPTION	5 VA + output (VAC); 1.6 W + output (VDC)
COMMUNICATION	ZigBee Pro, 902 MHz EnOcean, BACnet®, Ethernet (10/100 Mbps)
RANGE	50-150 ft.
REAL-TIME CLOCK W/ BATTERY BACKUP	Battery-backed for 10,000 hours; CR1220 3V lithium coin cell battery
MOUNTING	Din-rail, wall, or ceiling mount
OPERATING TEMP.	0°C (+32°F) to +60°C (+140°F)
STORAGE TEMP.	-20°C (-4°F) to +60°C (+140°F)
DIMENSIONS	116 mm. (4.57") x 191 mm. (7.52")
CERTIFICATIONS	Energy Management Equipment, UL 916, Fourth Edition, December 23, 1998, rev. December 17, 2007 CSA Standard for Signal Equipment C22.2 No. 205-M1983 (R2004), CFR47 FCC Part15, Subpart B:2009 ICES-003: Issue 4 (2004), CE, Japanese Radio Law, RoHS