

The KNX Gateway

KNX is a standardized network communications bus protocol for controlling devices in homes and businesses.

The Leviton KNX Gateway allows Omni and Lumina Ethernet-based security & automation systems to communicate with and control KNX devices installed on the bus. Lighting, temperature/energy management, and motors (window coverings, shades, shutters, etc.) are among the many KNX devices that can be controlled from a Leviton interface or automated via controller programming.

At a certain time each night, have the window coverings close, the temperature adjust, the lights dim, the shutters close, etc. Or, open an app on your smartphone or tablet to remotely control any connected device.

The KNX Gateway provides an interface between the Leviton security & automation system and the KNX network by mapping specific data points of each KNX device to a unit or thermostat number on the Leviton controller. The Power over Ethernet (PoE) port also allows the KNX Gateway to be powered when using a Power Sourcing Equipment (PSE) device, such as a PoE network switch, hub, or power injector. The PWR terminals can be used as an alternative or backup to the PoE Ethernet Port.

The interface between the KNX Gateway and the Leviton security & automation system utilizes an RS-485 serial connection. Compatible controllers include the OmniPro II, Omni IIe, Omni LTE, Lumina Pro, and Lumina. To configure the KNX Gateway, Leviton automation system must utilize firmware 3.11 or later.

The KNX Bus Status LED is used to monitor the KNX Bus interface. The LED is illuminated when there is proper voltage on the bus and the LED is turned off when the voltage on the bus is $\leq 18V$. The Power Status LED is illuminated when the KNX Gateway is powered using either the PoE Ethernet Port or by providing 12 - 24V AC/DC to the PWR terminals. The Program Status LED is illuminated during a firmware update, flashes when it is first powered up (while it checks for a new firmware update), and it is turned off while it is in normal operation mode. ■



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