

Aaxeon InSight - POE+ Switch

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New IEEE 802.3at PoE Gigabit Switch



LNP-800AGH-T

- ▶ Provides 8x10/100/1000Base-T(X) PoE (P.S.E.) Ports
- ▶ Supports P.S.E. Based on IEEE 802.3at Standard up to 30 Watts per Port
- ▶ Supports Auto-Negotiation and Auto-MDI/MDI-X
- ▶ Supports Store-and-Forward Transmission
- ▶ Supports Flow Control
- ▶ Rigid IP-30 Housing Design
- ▶ DIN-Rail and Wall Mounting Enabled
- ▶ 5-Year Warranty



High Power PoE Support

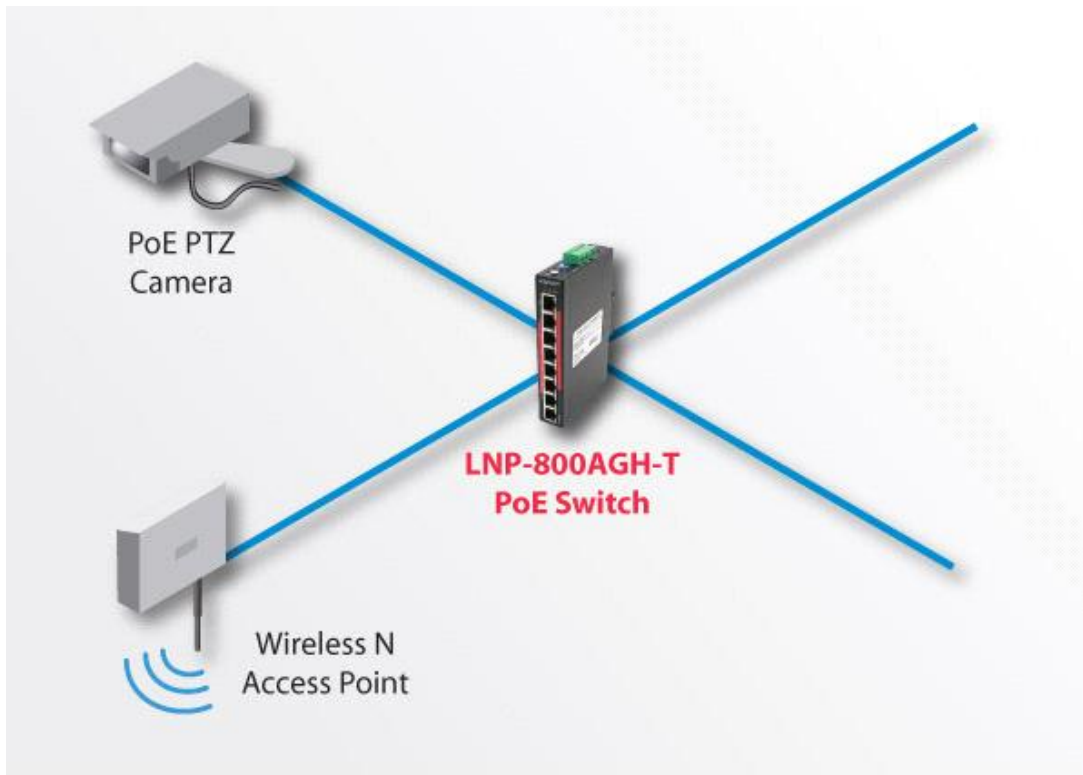
The LNP-800AGH-T Industrial PoE (Power over Ethernet) Switch supports 8 x High Power PoE Output (30W per Port) Ports. The LNP-800AGH-T also supports PSE (Power Sourcing Equipment). PSE is a device (switch or hub for instance) that will provide power in a PoE setup.

Wide Operating Temperature Range

The LNP-800AGH-T Industrial PoE Switch is able to operate in the most extreme environment. Along with its rugged design, the LNP-800AGH-T is able to withstand operating temperatures from -40°C all the way to 70°C.



LNP-800AGH-T Application



The above diagram illustrates how the Lanolinx LNP-800AGH-T Industrial PoE (Power-over-Ethernet) Gigabit Switch can be utilized to connect high powered devices like PoE Pan-Tilt-Zoom Surveillance Cameras and PoE IEEE 802.11n Wireless Access Points.



What is...?

IEEE 802.3at

The original IEEE 802.3af-2003 PoE standard provides up to 15.4 W of DC power (minimum 44 V DC and 350 mA) to each device. Only 12.95 W is assured to be available at the powered device as some power is dissipated in the cable.

The updated IEEE 802.3at-2009 PoE standard also known as PoE+ or PoE plus or PoEP, provides up to 25.5 W of power. The 2009 standard prohibits a powered device from using all four pairs for power. Some vendors have announced products that claim to be compatible with the 802.3at standard and offer up to 51 W of power over a single cable by utilizing all four pairs in the Cat.5 cable.

Source: wikipedia.org

