

OVERVIEW

The nLight Ethernet Switch (nETHSW) is used to connect nLight Gateways (nGWY2) to XPoint Wireless Bridges (XPA BRG) via an Ethernet backbone. The nLight Ethernet Switch may also be used for optional connections such as a host PC/Server operation SensorView, nBACnet Appliance, and nADR client. The nETHSW backbone may be used as a part of a fully isolated system or it may be integrated into the facility's local area IP network for integration with additional systems such as Building Management Systems (BMS), OpenADR servers, and web browser access to the SensorView host PC/Server. The nETHSW is available with optional IEEE802.3af PoE ports to supply Power-over-Ethernet to XPOINT Wireless Bridges, eliminating the need for 120VAC connections at XPoint Wireless Bridge mounting locations (specify nETHSW PoE and XPA BRG POE).

FEATURES

nETHSW

- Auto-sensing 10/100/1000 Mbps connections
- Fan-less cooling
- External 120VAC power adapter for standard outlet connections
- Wall / backboard mountable

nETHSW PoE

- Provides power and data to XPA BRG POE via CAT5e connection (up to 100m/330')
- PoE ports automatically detect IEEE 802.3af-compliant devices and supply power as needed
- Auto PoE shutoff when devices are disconnected

SPECIFICATIONS

nETHSW

Network Ports: 5 10/100/1000 RJ45 ports
 Humidity: 10-90% non-condensing
 Temperature: 32-104° F (0-50° C)
 Dimensions: 3.93" x 3.7" x 1.06"

nETHSW PoE

Network ports: 8 auto speed-sensing 10/100 RJ-45 ports
 Power supply: Total power consumption 44W maximum
 Total PoE power budget: 32W maximum
 Humidity: 90% maximum relative humidity, non-condensing
 Temperature: 32-122° F (0-40° C)
 Dimensions: 9.3" x 4.1" x 1.1"

Warranty

Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice



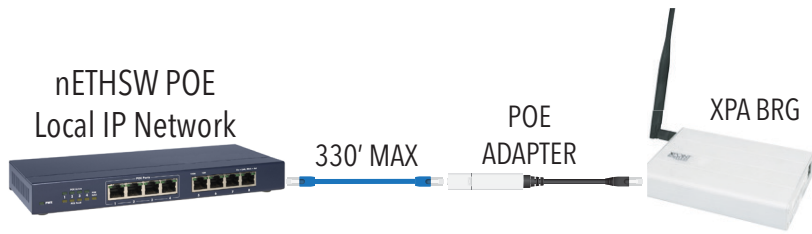
nLight Ethernet Switch



ORDERING INFORMATION

nETHSW		Example: NETHSW	
Series	nETHSW nLight Ethernet Switch	POE Option	[blank] 5 ports, no PoE POE 8 total ports, 4 PoE and 4 non-PoE

SYSTEM OVERVIEW



Note:

nETHSW requires CAT5e or CAT6 cable connections to other devices; follow standard specifications for cable termination and length requirements (100m / 330')