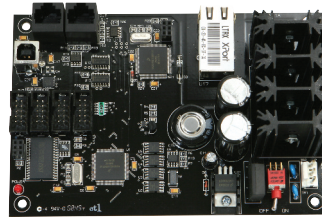




- Controls network communications
- Enables interconnections between panels
- Syncs clocks and data between panels
- Allows panel network LightSync devices
- USB or TCP/IP connections to a PC
- Panel mount or remote mount enclosure



Basic Network Controller



Advanced Network Controller



Remote Advanced Network Panel  
W/ Hinged Locking Door

## Overview

The LightLEEDer Network Controller Modules manage network activities including syncing panel clocks, and data between panels. The Basic Network Module manages communication between up to 254 panels, allows up to 254 LightSync devices on the panel network, and provides USB connection to a PC. The Advanced Network Module has the features of the Basic Network Controller, along with the additional features which include high-speed LightSync device scanner with data line power, single point gateway options, and TCP/IP to host communications. The Advanced Network controller can double stack on top of a processor in any panel, or is available in a NEMA 1 enclosure with a hinged locking door or an economical screw cover. This provides a remote panel with room for Gateways, PSR's, and other required devices.

## Features

### Basic Network Controller General Information:

- **Network** up to 254 panels
- **Made in the USA**
- **Communications** are controlled across the network
- **254 LightSync devices** permitted on the panel network
- **USB connection** throughout the network for programming and control
- **Installs directly** into any panel
- **RJ45 connectors** for easy connection to the network
- **Ribbon connectors** for easy installation into any panel

### Advanced Network Controller General Information:

- **Provides** all Basic Network Controller features
- **High speed LightSync device** scanner for fast communications
- **Ethernet port** for TCP/IP connection for programming and control
- **4 Gateways** ports for single point connections to the BAS system
- **Powers data line** for LightSync devices

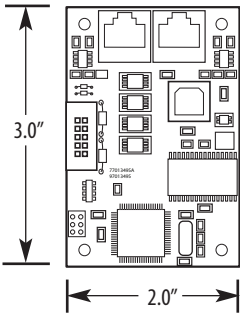
### Remote Advanced Network Controller Panel General Information:

- **Provided** with a NEMA 1 enclosure w/ hinged locking door or screw cover
- **Segregates** Advance Network Controller from lighting controller
- **Localizes** network access point to any control room
- **Mounts** anywhere on the LightSync network
- **Customize** with any of the available Gateways, PSR boards, or other devices. Contact ILC for more information

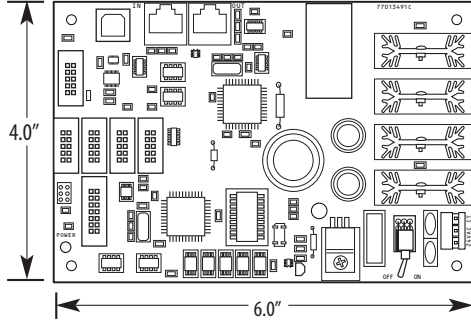


### Physical

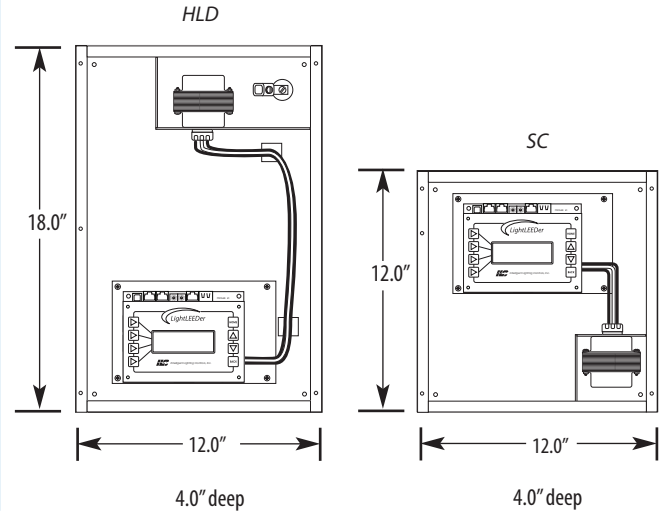
Basic Network Controller



Advanced Network Controller (panel mount)



Remote Advanced Network Controller Panels



### Specifications

#### Physical

##### Panel Mount:

- Basic: 2" Wide X 3" High
- Advanced: 6" Wide X 4" High
- Removable power connector
- USB connector
- RJ45 Ethernet connector

##### Advanced Remote Panels:

- ANSI 61 gray finish
- Mounting holes provided
- High voltage divider
- NEMA1 enclosure

##### HLD:

- 12" Wide X 18" High X 4" Deep
- Knockouts provided
- Hinged locking door

##### SC:

- 12" Wide X 12" High X 4" Deep
- Screw cover

##### Electrical:

- Panel Mount: Powered from panel
- Remote Panel: 120/277 VAC, 1 Amp

##### Configuration:

- Software programming
- Directly through keypad

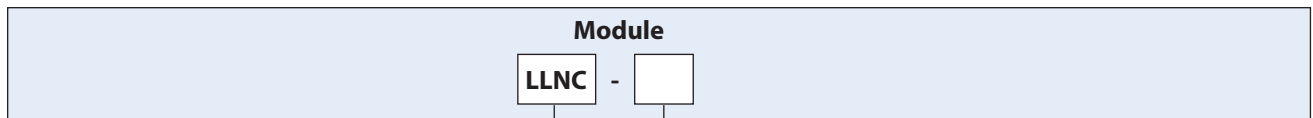
##### Operating Environment:

- Location: Interior space
- Operating Temp.: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

##### Certifications and Approvals:

- UL
- CUL
- FCC Part 15

### Ordering



Series: LightLEEDer  
Network Controller  
Module

Type:  
Basic (B)  
Advanced (A)  
Advanced W/ Hinged Locking Door (A-HLD)  
Advanced W/Screw Cover (A-SC)