



LX Series – Networked Lighting Controls

LX JENEsys™

KEY FEATURES

• **Programming Interface:**

- Real-time programming and monitoring of the LX lighting control system through your PC
- No software required—built-in web server provides connection via any Internet Explorer® compatible browser
- Graphical User Interface (GUI) makes programming both intuitive and simple
- Local or remote access via the local network or Internet
- Can connect multiple users at once
- Sophisticated user account/password manager

• **System Integration:**

- Integrates LX lighting control systems and Building Automation Systems (BAS)
- Integrates with LonWorks®, BACnet™ (IP and MSTP), and Modbus™ standards
- Automatically generates all required control points and documentation for integration with the selected protocol
- Powered by the revolutionary NiagaraAX Framework®



OVERVIEW

LX JENEsys represents an evolution in the interface and integration of lighting control systems. While using a PC to interface to a lighting control system is a good idea, the problem is the software installation for every interfacing PC. The LX JENEsys solves this problem by allowing any PC with an Internet Explorer compatible browser to interface with the LX JENEsys lighting control system through a built-in web server. The LX JENEsys provides an easy-to-use and highly intuitive graphical user interface (GUI). System users can easily program, monitor, and control (locally or remotely) all the functions of the LX lighting controls system conveniently from their PC—all without installing software.

The LX JENEsys is powered by the NiagaraAX Framework, which is designed to integrate diverse systems and devices. With this technology, the LX JENEsys provides protocol normalization between a wide range of BAS protocols, including LonWorks, BACnet, and Modbus. With the click of a mouse, the LX JENEsys automatically builds the selected system integration, complete with the documentation of all generated network variables and control points.

FEATURES and BENEFITS (Programming Interface)

Features

Real-time programming and monitoring

Integrated web server

Benefits

- Users can update the LX lighting control system and view changes immediately in real-time—no more waiting for system updates to take effect
- Connection from any device capable of running Internet Explorer
- No additional client-side software required to program the system
- No system database management

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Graphical user interface (GUI)	<ul style="list-style-type: none"> • Easy and intuitive management of system components and settings
Simultaneous support of multiple users	<ul style="list-style-type: none"> • Multiple users can connect to the system and view real-time updates made to system variables
Local or remote management over a TCP/IP network	<ul style="list-style-type: none"> • Service of data and rich graphical displays to a standard web browser: <ul style="list-style-type: none"> - locally via an Ethernet LAN - remotely via the Internet or a dial-up modem (not available on the LXJNSYS2LON) • Easy access to information—anytime and anywhere

FEATURES and BENEFITS (System Integration)

Features	Benefits
Integration of LX lighting control systems with Building Automation Systems	<ul style="list-style-type: none"> • Enables connection of the LX Lighting System to other building systems, such as HVAC, security, and fire
Integration with the most common BAS protocol standards	<ul style="list-style-type: none"> • Provides protocol normalization between a wide range of BAS protocols, such as LonWorks, BACnet, and Modbus
Automatic generation of control points for integration	<ul style="list-style-type: none"> • Easily creates complete documentation of all generated network variables and control points required for integration with the selected protocol

HOW TO ORDER

Catalog Number	Description
LXJNSYS	LX JENEsys Controller with Management Software, LON Network Module and Power Supply
LXJNSYS2LON	LX JENEsys Controller with Management Software, LON Integration Support, LON Network Modules and Power Supply
LXJNSYS2BACNETIP	LX JENEsys Controller with Management Software, BACNET IP Integration Support, LON Network Module and Power Supply
LXJNSYS2BACNETMSTP	LX JENEsys Controller with Management Software, BACNET MS/TP Integration Support, LON Network Module and Power Supply
LXJNSYS2MODBUS	LX JENEsys Controller with Management Software, MODBUS Integration Support, LON Network Module and Power Supply
LXJNCOM56KMI*	LX JENEsys 56Kps Modem for LX JENEsys Controller

*Optional modem not available on LXJNSZLON



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